SAMSUNG

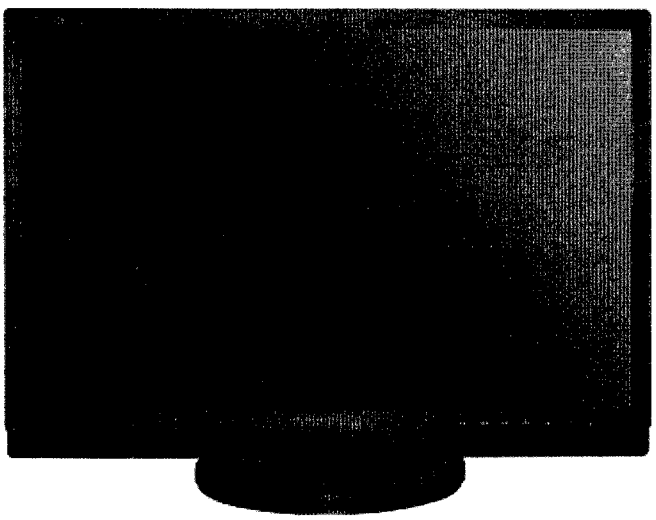
LCD-Monitor

Chassis LDP21WS

Model 215TW

SERVICE Manual

TFT-LCD Monitor



Fashion Feature

- Applying MFM UI
- Applying HDCP / PIP
- Supporting Magic Tune 4 0
- Supporting Analog / Digital / AV / S-Video / Component

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LDP21WS Service Manual

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1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC power jack before servicing.

1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor, Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):

   WARNING : Do not use an isolation transformer during this test.

   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

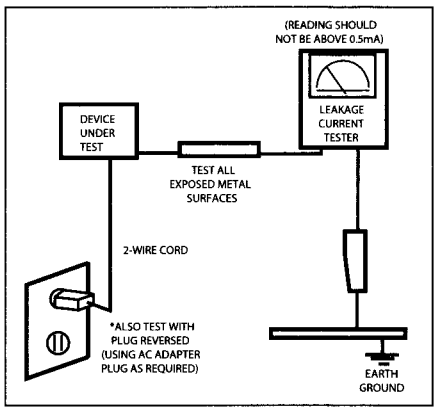

(READING SHOULD NOT BE ABOVE 0.5mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
*ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1-2 Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
   (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4 Installation Precautions

1. For safety reasons, more than two people are required for carrying the product.

2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.

3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.

4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.

5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.

6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.

7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.
   A rise in temperature within the product may cause fire.

Memo

2 Product Specifications

2-1 Fashion Feature

- Support Analog/Digital/AV/S-Video/Component
- Improved Response Time by Adopting 16ms
- Support PIP when the sources are Anaolg and Digital
- Magic Bright2 : 6steps used
  Custom/Text/Internet/Game/Sports/Movie
- Magictune 4.0 and Pivot software installed
- Auto Pivot : When the monitor is rotated in 90 degree, the display LED and OSD also are autimatically rotates accordingly. This can be performed only when Magictune 4.0 and the Pivot software are running.

2-2 Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 21-Inch viewable, 0.270 (H) x 0.270 (V) mm pixel pitch
Scanning Frequency	Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60 Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital / AV / S-Video / Component
Input Sync Signal	Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchroniza tion whitout external swith of sync type Support Video mode : NTSC / PAL / SECAM / PAL M / PAL N / NT43 / PAL60 support DVI mode : 480i/p,720p@50Hz, 720p@60Hz , 1080i@50Hz 1080i@60Hz (Support HDCP) Level : TTL level
Maximum Pixel Clock rate	165 MHz
Active Display Horizontal/Vertical	453.6(H) X 283.5(V) mm
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz ±3 Hz
Power Consumption	63W (Max)
Dimensions Set (W x H x D) Package	 19.3x8.65x14.8 Inches (490x219.8x377mm) State of stand installed 23.1x10.3x17.7 Inches (587x262x450mm) State of stand pivoted
Weight (Set/Package)	7.5 kg(After installation of Stand, Head weight : 5.5kg)/ 9.0 kg
Environmental Considerations	Operating Temperature : 0℉ ~ 122℉ (0℃ ~ 50℃) Operating Humidity : 20% ~ 90% Storage temperature : -4℉ ~ 149℉ (-20℃ ~ 65℃) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	

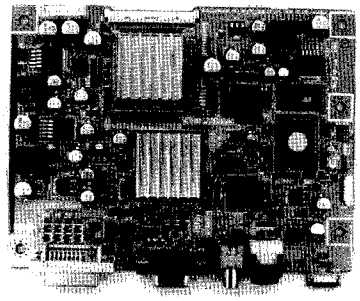
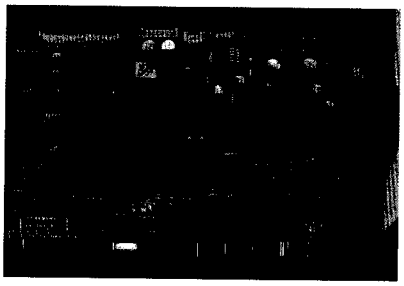
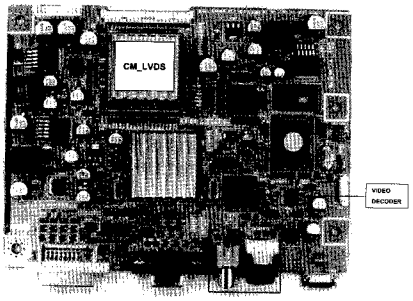
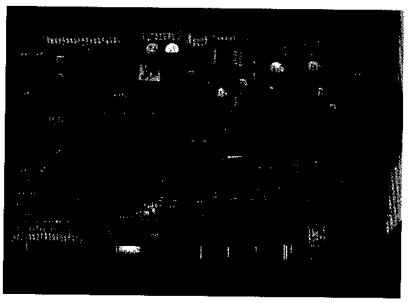
2-3 LDP21WS feature

No	Feature	Feature	Operating method
1	Auto Auto	If Doppler turns on in some resolution for the first time, it can execute Auto adjustment automatically for the high Quality	
2	Auto Power on/off	Doppler can check the change of Source Automatically and change the source to the active Input	
3	Wall mount	Doppler supports Wall mount (100mmx100mm VESA-compliant mounting interface pad.)	
4	Magic Bright	Doppler supports 6 Different Brightness Mode (Custom / Text / Internet / Game / Sports / Movie)	
5	Sharpness	Adjust the Sharpness	
6	Auto Pivot	As Doppler has sensor IC for Pivot, 1) If Doppler rotates 90° , 2) MCU can detect the current status through sensor IC, 3) Magic tune 4.0 &Pivot Software can make change Screen to the rotated degrees automatically	It must be installed Magic tune 4.0 and Pivot Software to the PC

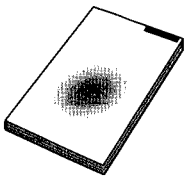
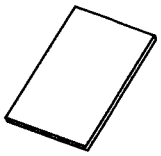
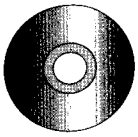
2-4 Spec Comparison

Key Specification		
Model	**LS21BRBS 214T**	**LDP21WS 215TW**
Screen Size	21.3"	21.0"
Brightness	300 cd/㎡	300 cd/㎡
Contrast	700:1	900:1
Response Time	16ms	16ms (G to G : 8ms)
Input Source	Analog / Original / AV / S-Video	Analog / Digitla / AV / S-Video / Component
Magic Color	O	X
Magic Pivot	O	O
Magic Tune	Ver 4.0	Ver 4.0
6-Color	O	X
Color Weakness	O	X
Gamma	8 steps -0.2 / -0.1 / 0 / +0.1 / +0.2 / +0.3 / +0.4 / +0.5 / +0.6	X
Magic Bright	4 steps Text / Internet / Entertain / Custom	6 steps Custom/Text/Internet/Game/Sports/Movie
Color Tone	6 steps Warm2 / Warm1 / Normal / Cool1 / Cool2 / Cool3 / Cool4	4 steps Cool / Normal / Warm / Custom

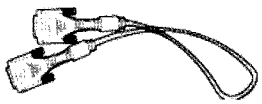
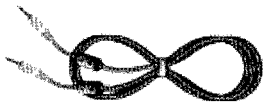
2-5 Spec Comparison to the Other Models

Model	LS21BRBS 214T	LDP21WS 215TW
Response	21.3"	21.0"
Input Source	300 cd/㎡	300 cd/㎡
Magic Pivot	AUTO (Pivot program + Aensor IC)	AUTO (Pivot Program + Sensor IC)
Magic Color	O	X
Magic Tune	Ver 4.0	Ver 4.0
6-Color	O	X
Color Weakness	O	X
PBA		
Additional portion		

2-6 Option Specification

Item	Item Name	CODE.NO	Remark
	Quick Setup Guide	BN96-03197A	
	Warranty Card (Not available in all locations)	BH68-00261F	
	User's Guide, Monitor Driver, Natural Color software, MagicTune™ software	BN59-00520A	
	D-Sub(15 Pin) Cable	BN39-00244B	
	Power Cord	3903-000085	

2-7 Option Specification(Sold separately)

Item	Item Name	CODE.NO	Remark
	S-Video Cable		
	RCA Cable (Video-Yellow, Audio-Red and White)		
	Component Cable		
	DVI Cable		
	Audio Cable		

3 Alignments and Adjustments

This section of the service manual explains how to use the RS232 JIG.
This function is needed for AD board change and program memory (IC200) change.

3-1 Required Equipment

The following equipment is necessary for adjusting the monitor:

· Computer with Windows 95, Windows 98, Windows NT, Windows 2000, or Windows XP.

· MTI-2050/MTI-2055 DDC MANAGER JIG

3-2 Automatic Color Adjustment

To input video, use 16 gray or any pattern using black and white.

1. Press and hold down both the MENU and the ▲ keys at the same time for about 5 seconds.
2. A blinking display informs you that the automatic color adjustment process is completed.
3. The automatic color adjustment feature is also available in the service function.

3-3 DDC EDID Data Input

1. Input DDC EDID data when replacing AD PCB.
2. Receive/Download the proper DDC file for the model from HQ quality control department.
   Install the below jig (Figure 1) and enter the data.

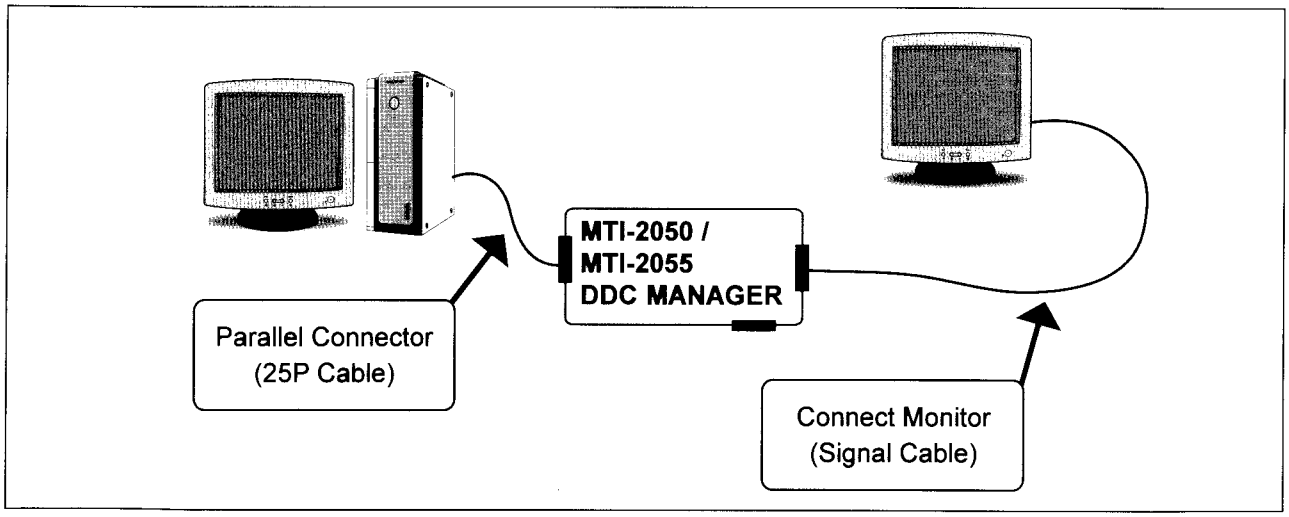


Figure 1.

3-4 OSD Adjustment When Replacing Panel

1. Set the Brightness and Contrast to zero,
   and push the MENU button more than 5 seconds.
   The Function OSD is displayed like Figure 2.
2. Select the Panel Information.
3. Select a panel that you want to replace with.

3-5 OSD Adjustment When Replacing Lamp Only

1. Set the Brightness and Contrast to zero,
   and push the MENU button more than 5 seconds.
   The Function OSD is displayed like Figure 2.
2. Select the Panel Information.
3. Select the upper lamp/ lower lamp.

-. Note : Please perform Automatic Color Adjustment when replacing the panel and main board.

3-6 Service Function Spec.

3-6-1 How to Display Service Function OSD

1. The OSD is displayed just like in 3-2.
2. To exit the service function, press the POWER key and restart the Monitor.

Figure 2. The example of service function OSD

3-6-2 How to Control Service Function OSD

Use the ▲ or ▼ buttons to select an item that you want and press the Enter button.

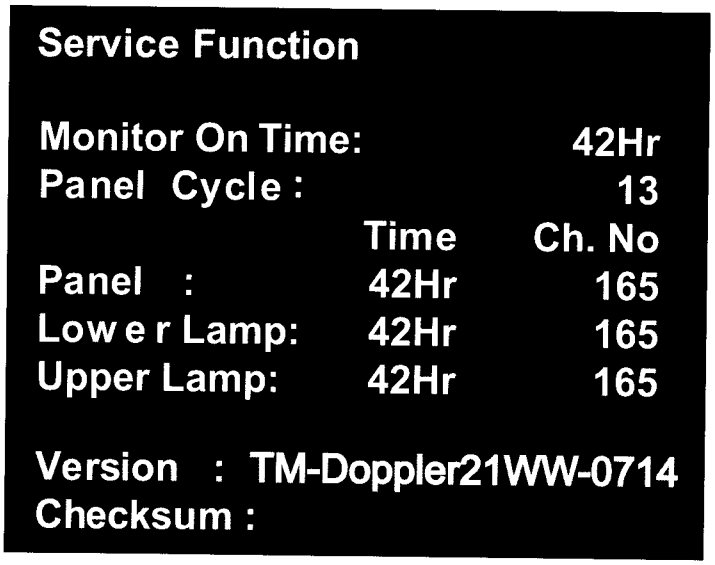
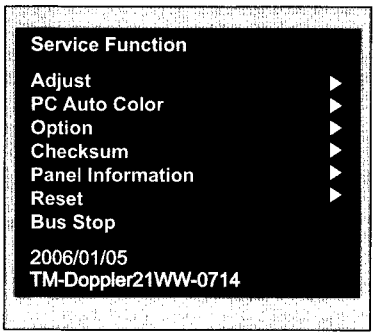
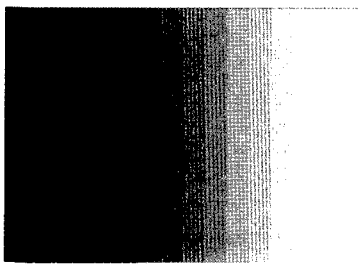
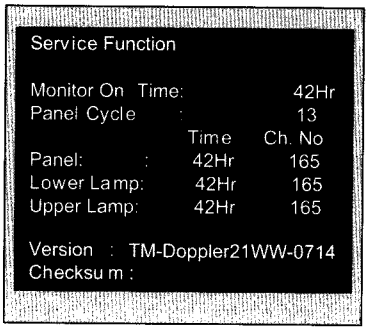


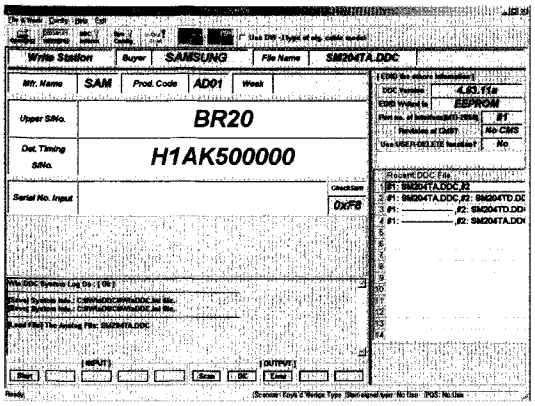
Figure 3. The display of the Panel Information in the Function OSD

3-7 Hidden Key list

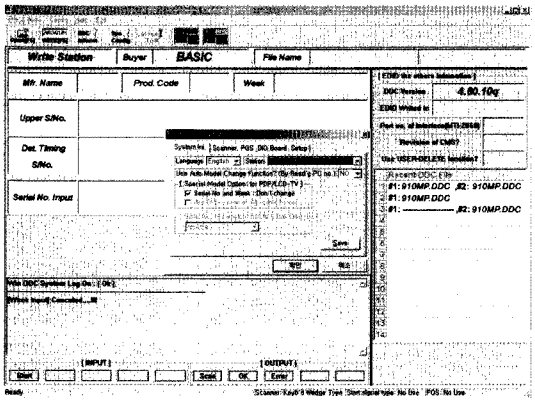
No	Function	Action method
1	Hidden Service Function 	-. After setting in turn on to brightness and contrast '0' , push the 'menu' button more than 5 seconds -. Service Function appear at left upper -. OSD which the basic adjustment is added 1) Adjust 2) PC Auto color 3) Option 4) Checksum 5) Panel Information 6) Reset 7) Bus Stop *. 2006/01/05: MCU firmware date *. TM-Doppler21ww-0714 : MCU firmware version information (this information must be appended due to a compatibility problem report.)
2	**Hidden Service Function (1)** 	**Move to the (-) / (+) key, select the 'Enter' key** **1) Auto adjustment** **2) PC Auto Color :** **in case that color of all screen is wrong,** **excute the PC Auto color at 16 gray pattern of 1680*1050/60Hz** **(refer to attach left 16gray pattern)** **3) Option: Spread Step / Spread Span (for EMI test)** **4) Checksum: MCU firmware checksum information** **(this information must be appended due to a compatibility problem report.)**

No	Function	Action method
3	Hidden Service Function (1) *.When Panel Information selected 	5) Panel Information various function are included in information. 1. Monitor On Time : Power On Time 2. Panel Cycle : Panel On/off time (Power off, Mode change, DPMS on/off ...) 3. Panel : Panel on Time (when the panel is changed , select the Reset) 4. Lower lamp : Lower lamp on time (when the Lower lamp is changed , select the Reset) 5. Upper lamp : Upper Lamp on time (when the Upper Lamp is changed , select the Reset) 6) Reset: Factory reset 7) Bus Stop: The communication Line ON / OFF

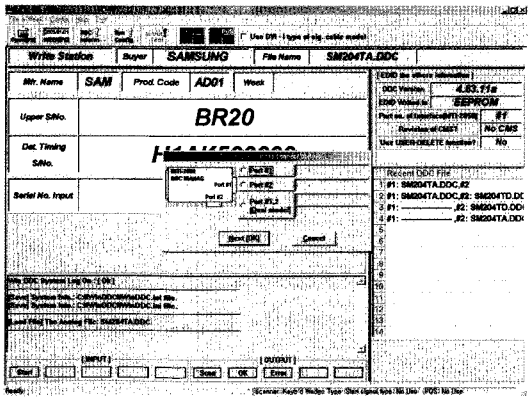
3-8 EDID Installation with Windows Program



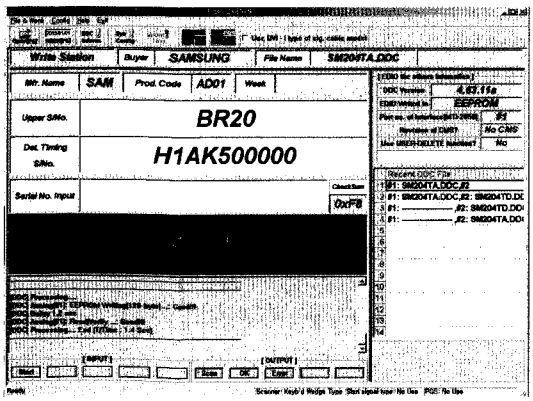
1. Execute "WinDDC.exe"



2. Click "Sys Config"
   Select "Station : Write station"
   Check "Serial No and Week : Don't change"
   Click "Save"



3. Click "Open" icon.
   Select "Connected Port #1" and Next "OK".
   * File Name - SM215TWA.DDC
   SM215TWD.DDC
   Press enter key on your keyboard.



4. Confirm the "DDC OK".

- After Replacing the Main Board
- EDID Installation (Analog and Digital)

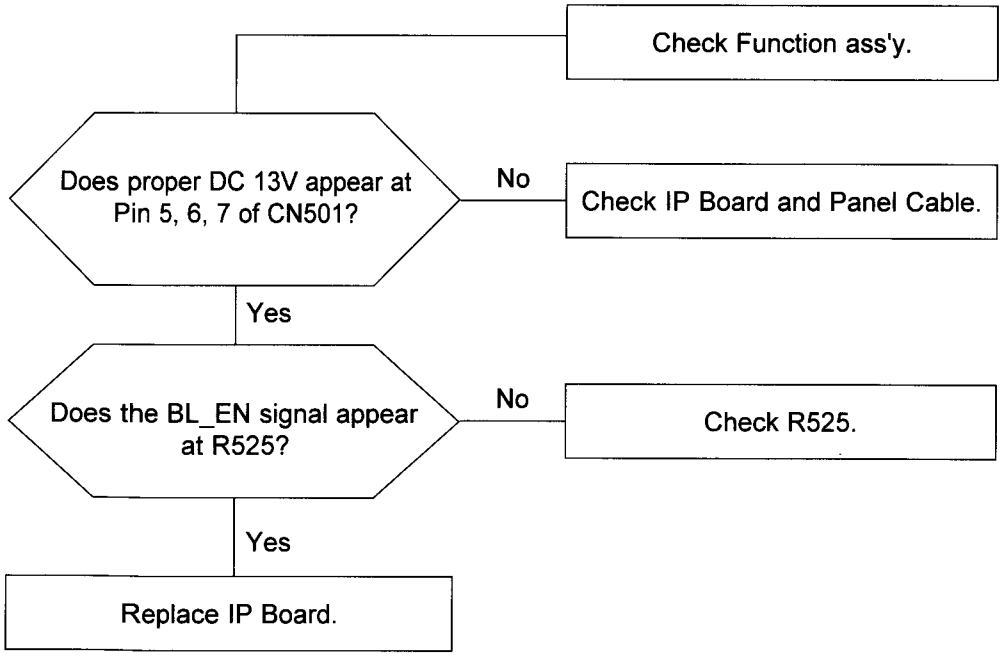
Memo

4 Troubleshooting

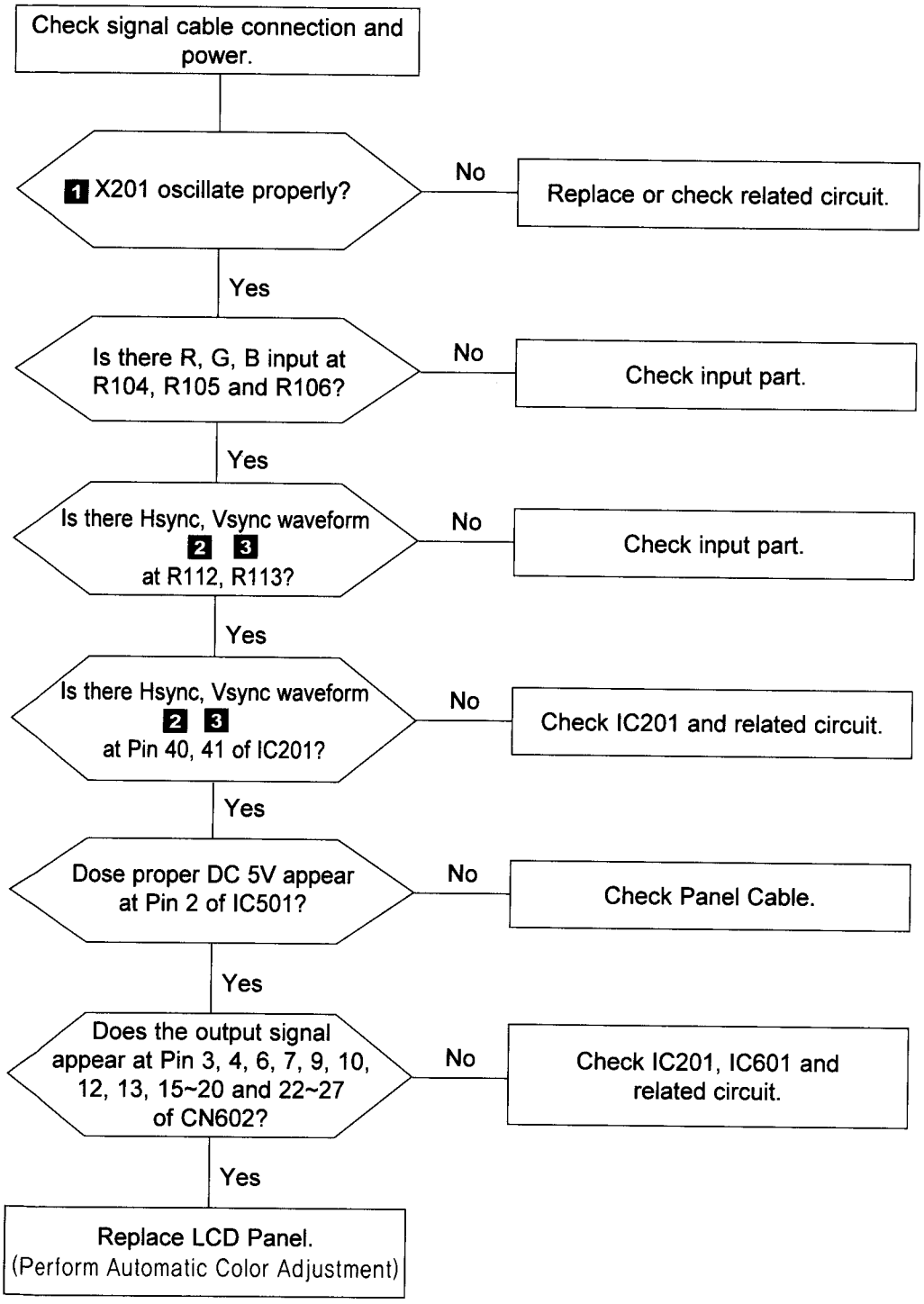
Notes: 1. Before troubleshooting, setup the PC's display as below.
- Resolution: 1680 x 1050
- H-frequency: 75 kHz
- V-frequency: 60 Hz

2. If no picture appears, make sure the power cord is correctly connected.
3. Check the following circuits.
- No raster appears: Function PBA, Main PBA, IP Board
- 5V develop but no screen: Main PBA
- 13V, 5V does not develop: IP Board, Main PBA

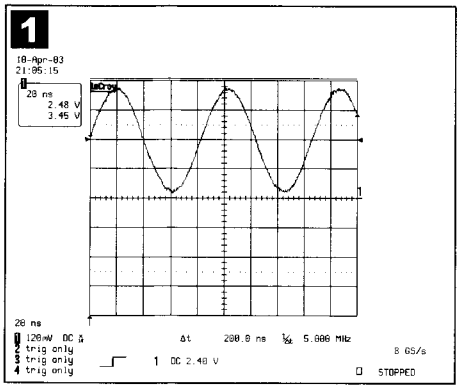
4-1 No Power

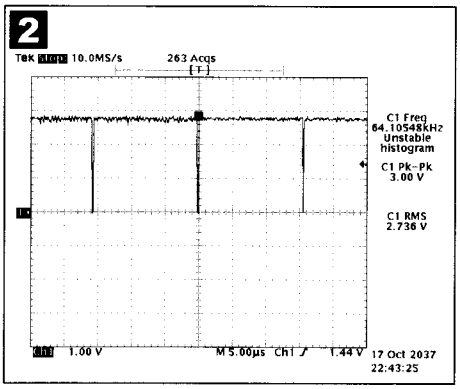


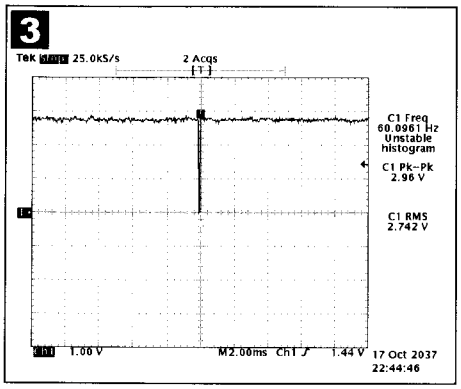
4-2 No Video (ANALOG)


Check signal cable connection and power.
1 X201 oscillate properly?
No
Replace or check related circuit.
Yes
Is there R, G, B input at R104, R105 and R106?
No
Check input part.
Yes
Is there Hsync, Vsync waveform 2 3 at R112, R113?
No
Check input part.
Yes
Is there Hsync, Vsync waveform 2 3 at Pin 40, 41 of IC201?
No
Check IC201 and related circuit.
Yes
Dose proper DC 5V appear at Pin 2 of IC501?
No
Check Panel Cable.
Yes
Does the output signal appear at Pin 3, 4, 6, 7, 9, 10, 12, 13, 15~20 and 22~27 of CN602?
No
Check IC201, IC601 and related circuit.
Yes
Replace LCD Panel.
(Perform Automatic Color Adjustment)

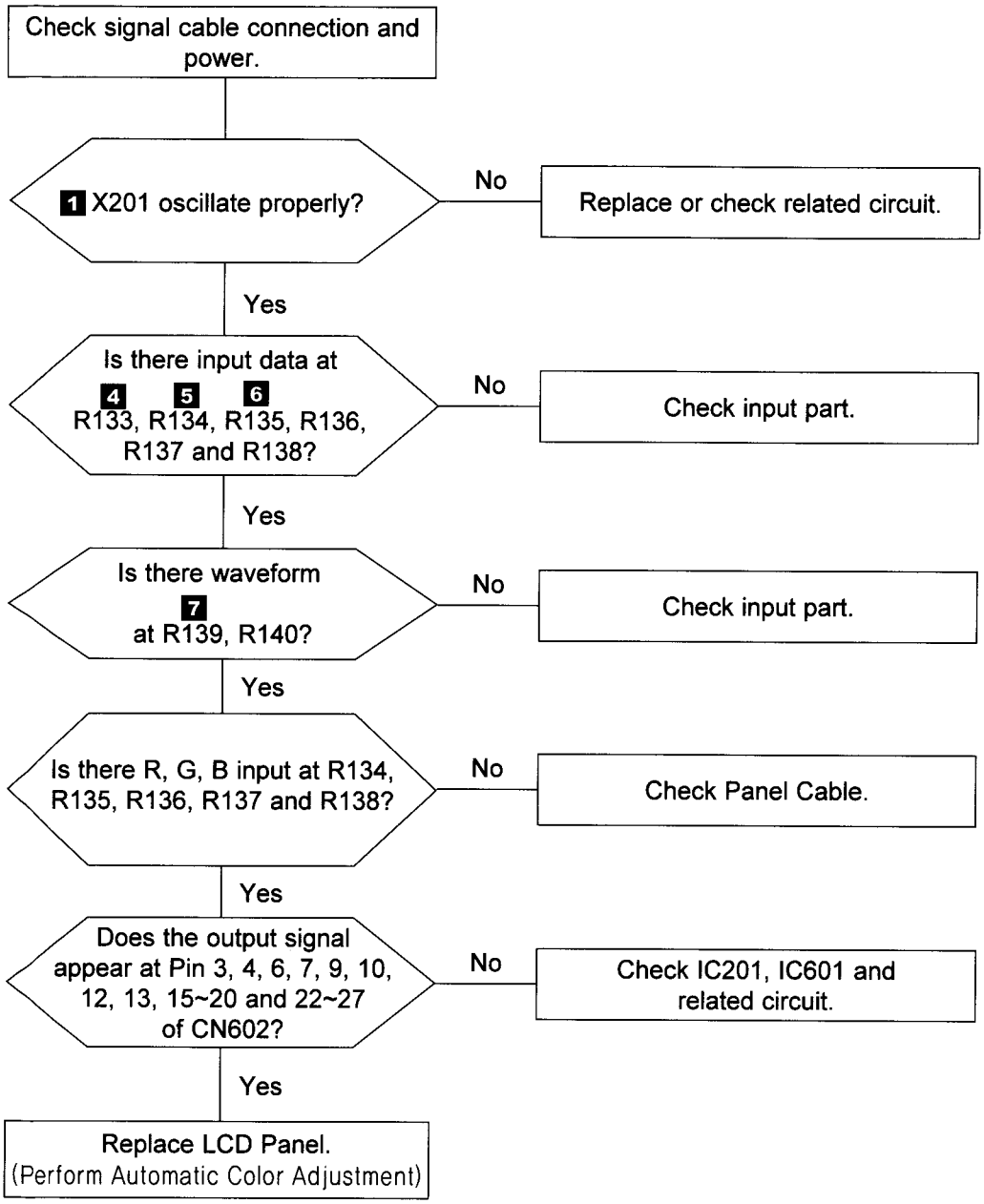
WAVEFORMS


1
18-Apr-83
21:05:15
20 ns
2.48 V
3.45 V
20 ns
128mV DC Δ
2 trig only
3 trig only
4 trig only
Δt 200.0 ns 1/Δt 5.000 MHz
1 DC 2.48 V
8 GS/s
STOPPED


2
Tek 10.0MS/s
263 Acqs
C1 Freq
64.10548kHz
Unstable
histogram
C1 Pk-Pk
3.00 V
C1 RMS
2.736 V
1.00 V
M 5.00µs Ch1 1.44 V
17 Oct 2037
22:43:25

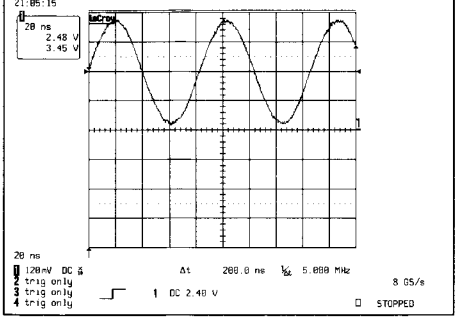

3
Tek 25.0kS/s
2 Acqs
C1 Freq
60.0961 Hz
Unstable
histogram
C1 Pk-Pk
2.96 V
C1 RMS
2.742 V
1.00 V
M2.00ms Ch1 1.44 V
17 Oct 2037
22:44:46

4-3 No Video (DIGITAL)

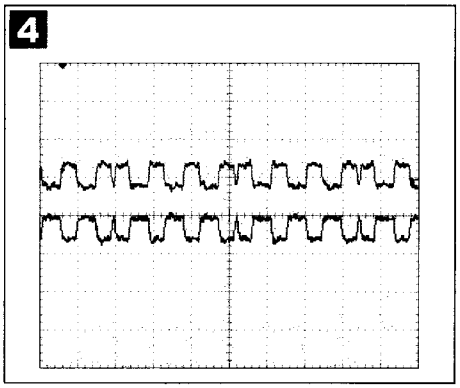

Check signal cable connection and power.
1 X201 oscillate properly?
No
Replace or check related circuit.
Yes
Is there input data at 4 5 6 R133, R134, R135, R136, R137 and R138?
No
Check input part.
Yes
Is there waveform 7 at R139, R140?
No
Check input part.
Yes
Is there R, G, B input at R134, R135, R136, R137 and R138?
No
Check Panel Cable.
Yes
Does the output signal appear at Pin 3, 4, 6, 7, 9, 10, 12, 13, 15~20 and 22~27 of CN602?
No
Check IC201, IC601 and related circuit.
Yes
Replace LCD Panel.
(Perform Automatic Color Adjustment)

WAVEFORMS

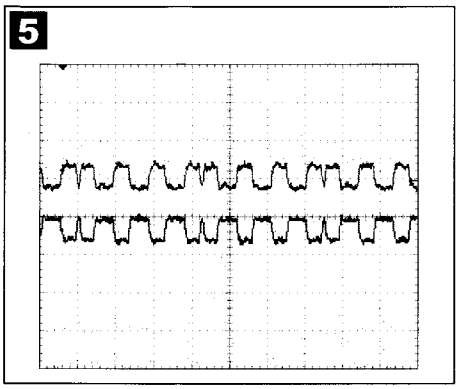
1



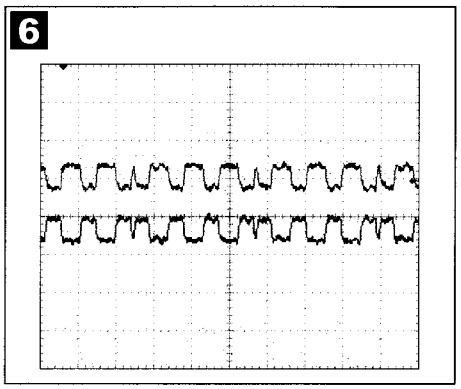
4



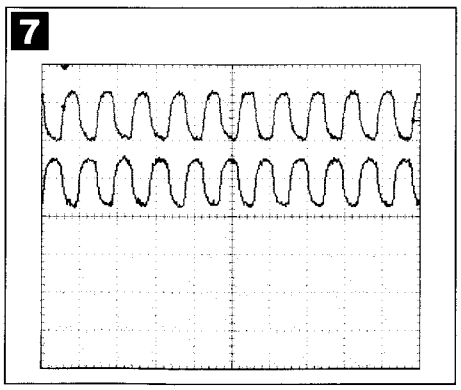
5



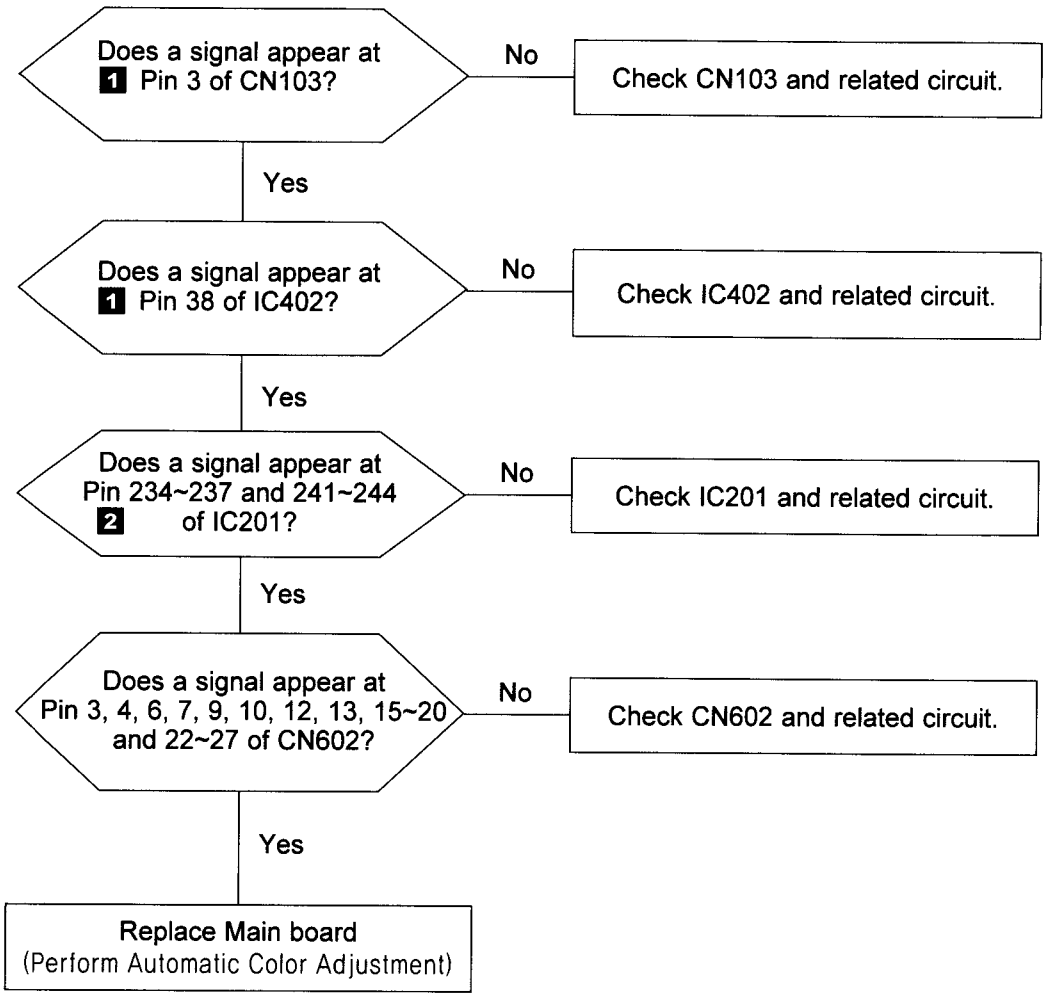
6



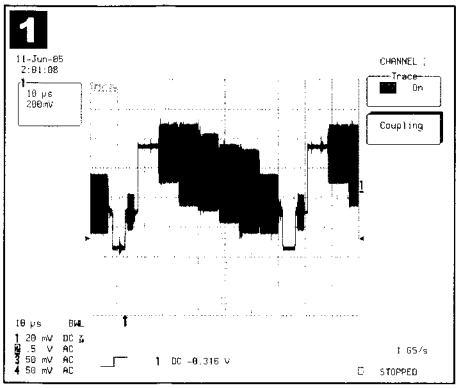
7

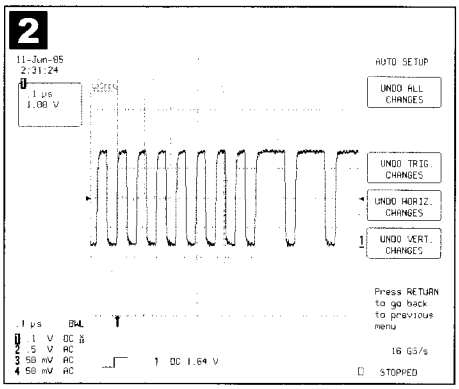


4-4 No Picture (AV Signal)

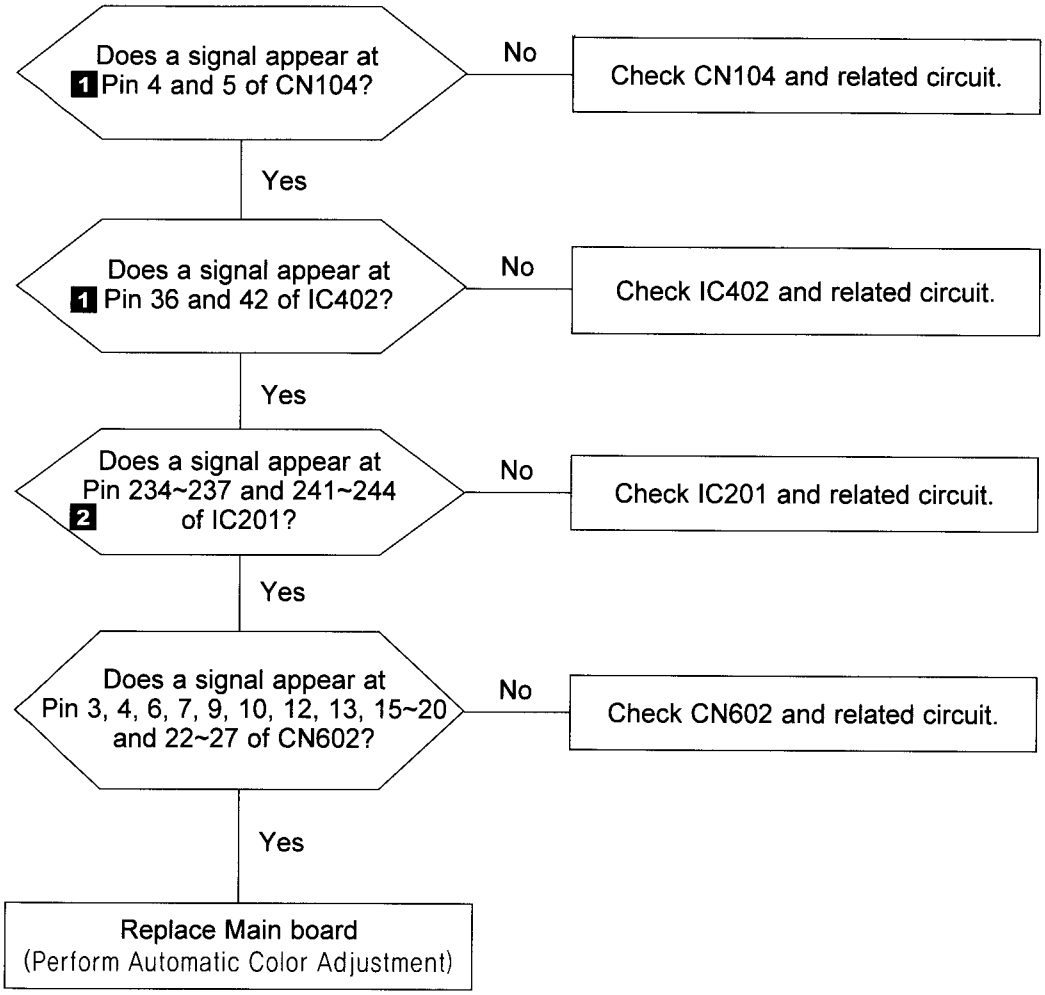


WAVEFORMS


1
11-Jun-05
2:01:08
10 µs
200mV
CHANNEL 1
Trace
On
Coupling
10 µs
BWL
1 20 mV DC
2 .5 V AC
3 50 mV AC
4 50 mV AC
1 DC -0.316 V
1 GS/s
STOPPED

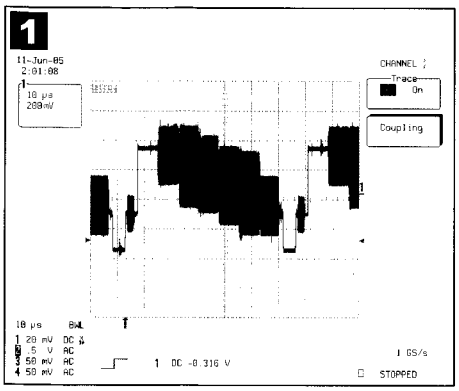

2
11-Jun-05
2:31:24
1 µs
1.00 V
AUTO SETUP
UNDO ALL CHANGES
UNDO TRIG. CHANGES
UNDO HORIZ. CHANGES
UNDO VERT. CHANGES
Press RETURN to go back to previous menu
.1 µs
BWL
1 .1 V DC
2 .5 V AC
3 50 mV AC
4 50 mV AC
1 DC 1.64 V
16 GS/s
STOPPED

4-5 No Picture (S-Video Signal)

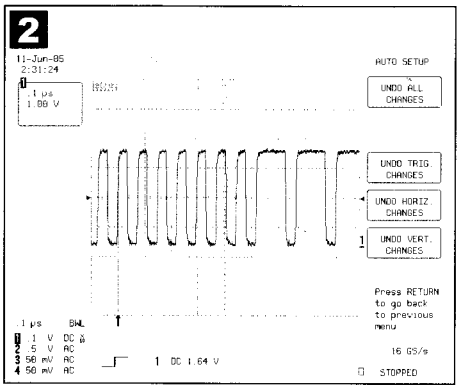


WAVEFORMS

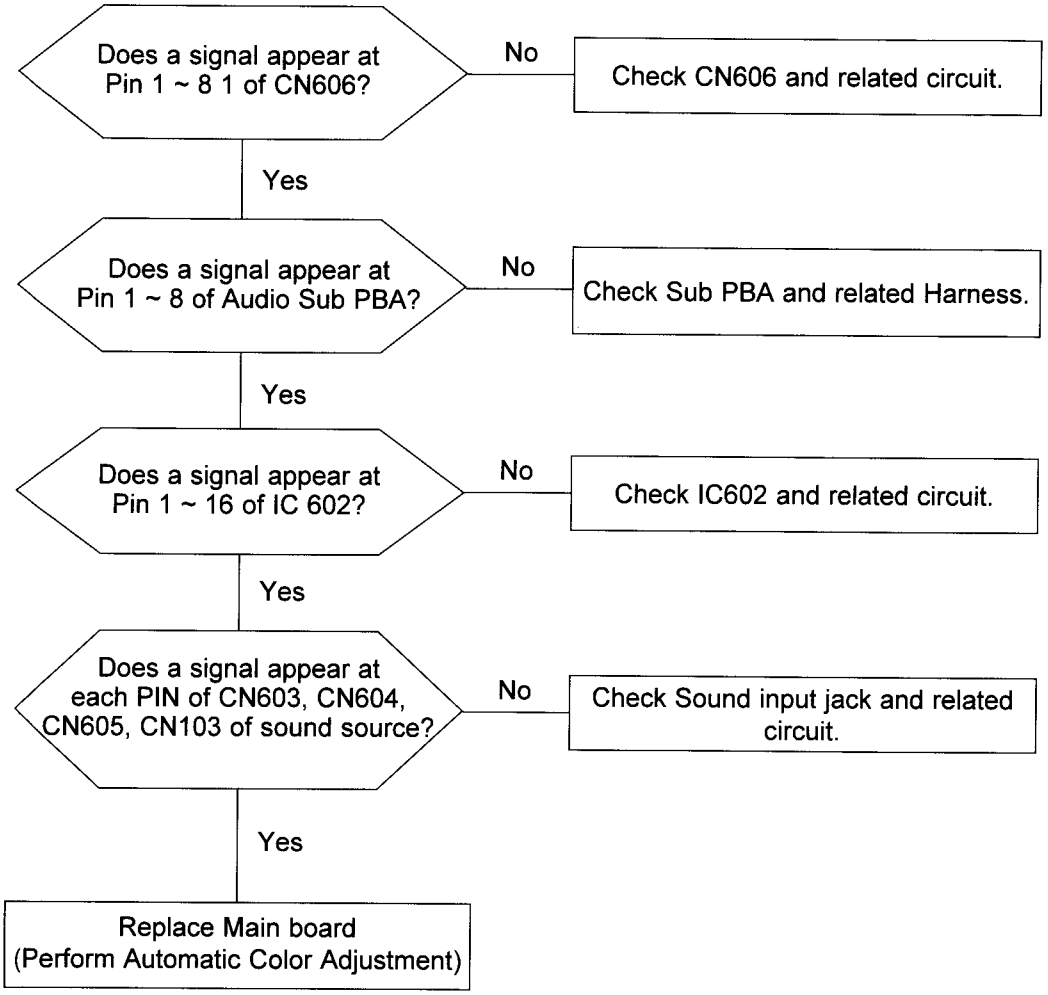
1

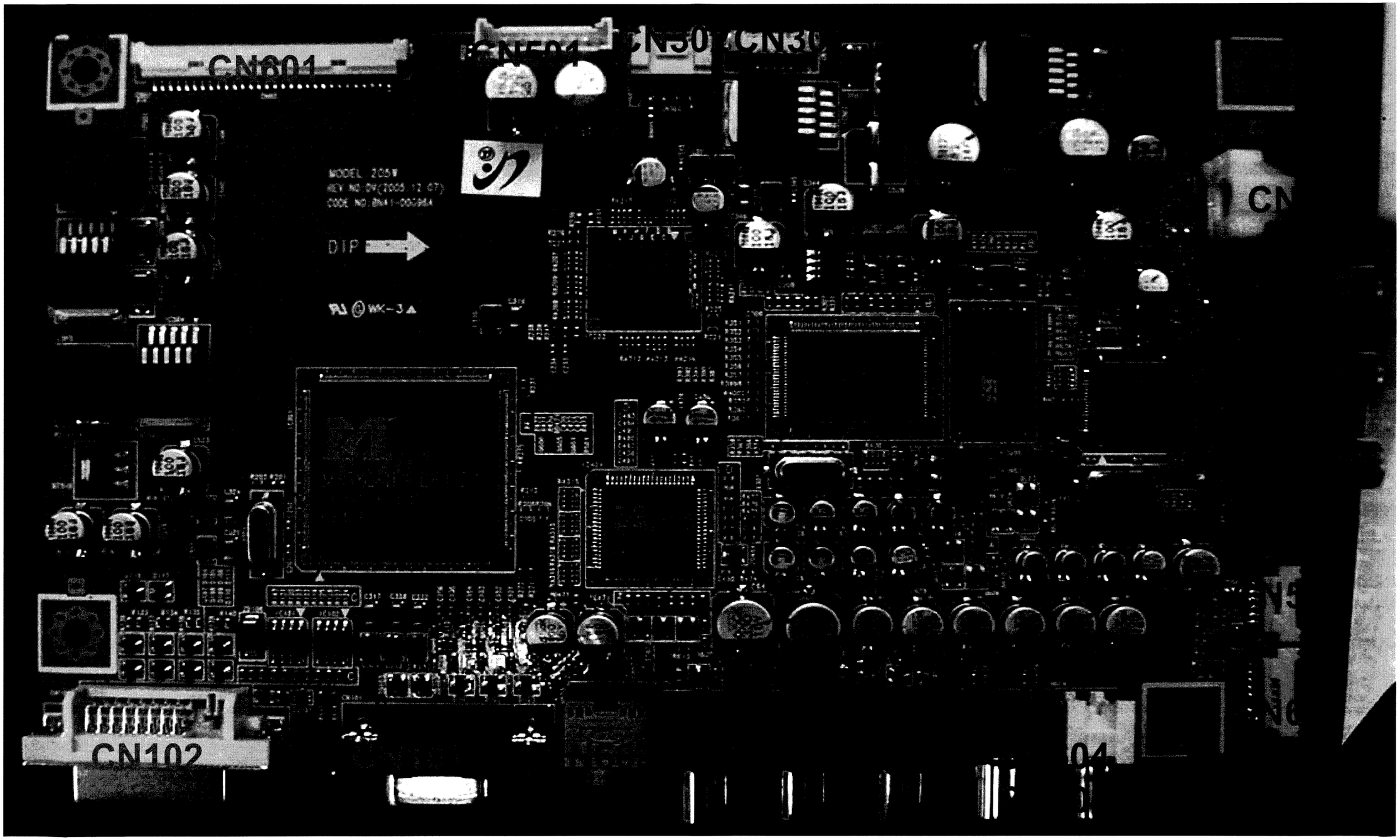


2



4-6 No Sound

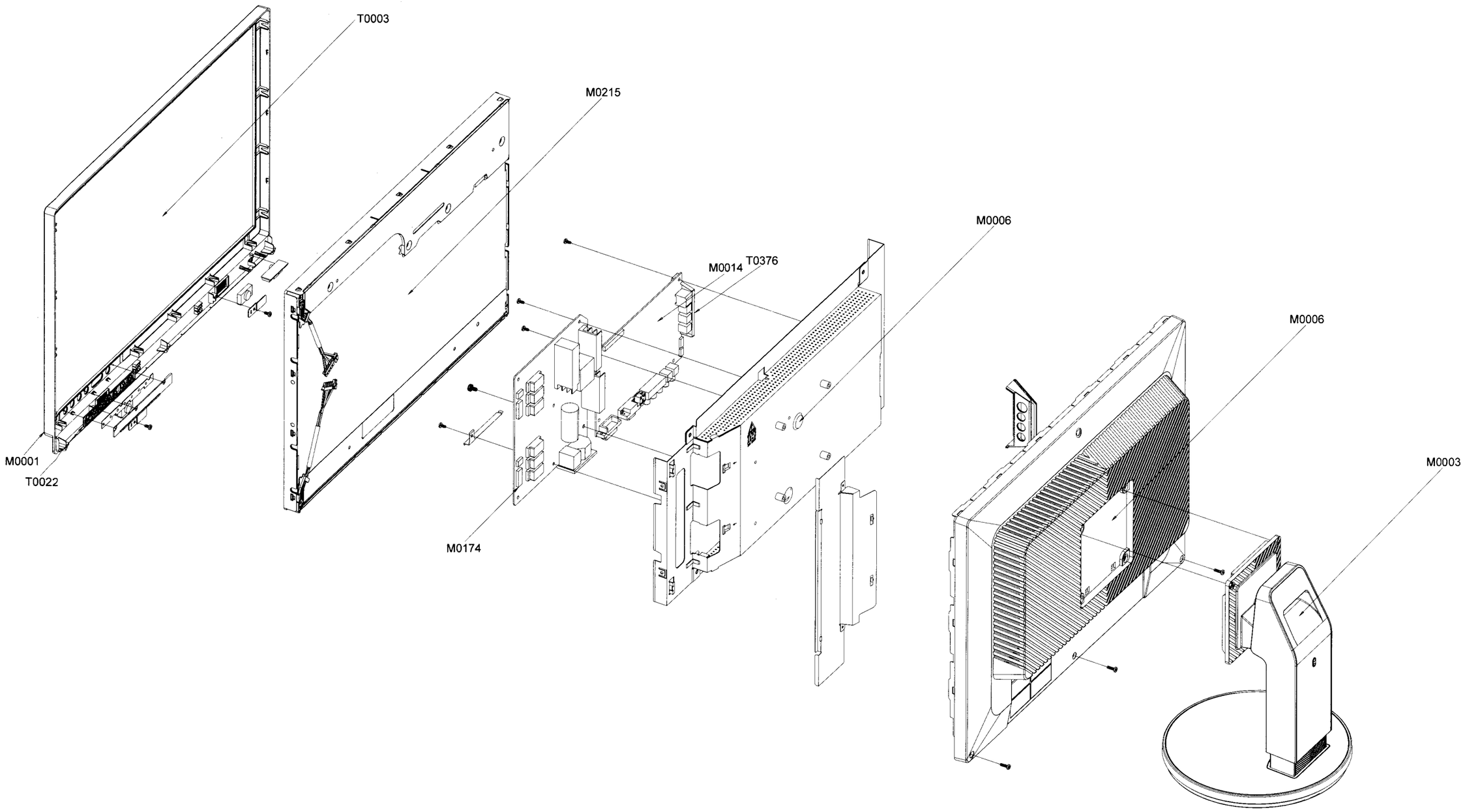

Does a signal appear at Pin 1 ~ 8 1 of CN606?
No
Check CN606 and related circuit.
Yes
Does a signal appear at Pin 1 ~ 8 of Audio Sub PBA?
No
Check Sub PBA and related Harness.
Yes
Does a signal appear at Pin 1 ~ 16 of IC 602?
No
Check IC602 and related circuit.
Yes
Does a signal appear at each PIN of CN603, CN604, CN605, CN103 of sound source?
No
Check Sound input jack and related circuit.
Yes
Replace Main board (Perform Automatic Color Adjustment)


CN601
CN501
CN30
CN102
DIP

5 Exploded View and Parts List

-You can search for updated part codes through ITSELF web site.
URL : http://itself. sec. samsung.co.kr

5-1 LDP21WS Exploded View



5-2 LDP21WS Parts List

Location.No	CODE-NO	SPECIFICATION & DESCRIPTION	Q'TY	REMARK
T0003	BN96-03194A	ASSY COVER P-FRONT;LS21DP,ABS HB BK24	1	SA
M0001	BN90-00849P	ASSY COVER FRONT;LS21DPWAB/XAA	1	SNA
T0022	BN64-00479A	KNOB CONTROL;LS215TW,ABS,T1.0,HB,CLEAR	1	SNA
M0215	BN07-00230A	LCD-PANEL;LTM210M2-L02,Dvorak,8BIT,477.6	1	SA
M0006	BN96-03195A	ASSY SHIELD P-COVER;LS21DPW,SECC,T0.8	1	SNA
M0174	BN44-00127B	IP BOARD;FSP060-1PI01,214T,2.0 ~3.0mA,7.	1	SA
M0014	BN94-00846P	ASSY PCB MAIN-SPZ,W/W;LS21DPW*	1	SA
T0376	BN63-02473A	SHIELD-VIDEO;LS215TW,SPTE,T0.3	1	SNA
M0006	BN63-02470A	COVER-REAR;LS215TW,HIPS,T2.3,HB,BK24	1	SNA
M0003	BN96-03196A	ASSY STAND P;LS21DPW,HIPS HB,BK24	1	SA

6 Electrical Parts List

-You can search for updated part codes through ITSELF web site.
URL : http://itself.sec.samsung.co.kr/

6-1 LS21DPWAB/XAA Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LS21DPWAB/XAA	215TW,WSA1/S21A2-LDP,21,LCD-MO,UNITED ST	0	
1	M0216	BN90-00818W	ASSY STAND;LS21DPWAB/XAA	1	SNA
..2	M0003	BN96-03196A	ASSY STAND P;LS21DPW,HIPS HB,BK24	1	SA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	4	SNA
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	SA
...3	M0081	6003-001238	SCREW-TAPTITE;FH,+,S,M4,L8,ZPC(BLK),SWRC	2	SNA
...3	HC+CW	6009-001370	SCREW-SPECIAL;PWH,+,-,M4,L8,ZPC(YEL),SWR	1	SNA
...3		BN61-01396A	HOLDER-SWIVEL RING;MJ17MS,ACETAL,NTR	1	SNA
...3	CIS4	BN61-01438A	HOLDER-STAND;MATISSE HAS-STAND,SWRCH18A	1	SNA
...3		BN61-02398A	BRACKET-STAND LIFT;LS215TW,SECC,T2.0	1	SNA
...3		BN61-02399A	GUIDE-STAND LIFT;LS215TW,P.O.M,WHT	2	SNA
...3		BN61-02400A	BRACKET-STAND FRAME;LS215TW,SECC,T2.0	1	SNA
...3		BN61-02401A	GUIDE-STAND BODY;LS215TW,P.O.M,WHT	1	SNA
...3		BN61-02402A	BRACKET-STAND BOTTOM;LS215TW,SECC,T2.0	1	SNA
...3		BN63-02476A	COVER-STAND FRONT;LS215TW,HIPS,T2.5,HB,B	1	SNA
...3		BN63-02477A	COVER-STAND REAR;LS215TW,HIPS,T2.5,HB,BK	1	SNA
...3	T0004	BN63-02478A	COVER-STAND BASE;LS215TW,HIPS,T2.5,HB,BK	1	SNA
...3	T0003	BN63-02480A	COVER-STAND BOTTOM;LS215TW,HIPS,T2.5,HB,	1	SNA
...3		BN63-02481A	COVER-STAND TOP;LS215TW,HIPS,T2.5,HB,BK2	1	SNA
...3		BN63-02482A	COVER-STAND VESA;LS215TW,HIPS,T2.5,HB,BK	1	SNA
...3		BN63-02483A	COVER-STAND TILT;LS215TW,HIPS,T2.5,HB,BK	1	SNA
...3		BN63-02484A	COVER-STAND LIFT FRONT;LS215TW,HIPS,T2.5	1	SNA
...3		BN63-02485A	COVER-STAND LIFT REAR;LS215TW,HIPS,T2.5,	1	SNA
...3	T0081	BN73-00085A	RUBBER CUSHION;MATISSE,~ø4.5(IN SIDE),CL	1	SNA
...3	T0054	BN96-03193A	ASSY HINGE P;LS215TW,ZNDC	1	SNA
...3	CCM1	6001-001547	SCREW-MACHINE;BH,+,M4,L10(5),ZPC(BLK),SW	2	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3		BN61-02437A	SPRING ETC-SPIRAL;LS215TW,SUS,18.5,130,T	2	SNA
...3	T0514	BN61-02454A	BRACKET-SUPPORT;LS21DPW,SECC,T1.0	1	SNA
...3	T0132	BN73-00077A	RUBBER FOOT;MATISSE,BUMPON,~ø13.5,T2.0,6	4	SNA
...3	M0007	BN96-01524A	ASSY STAND P-STOPPER;MJ17BS,SUS T1.0,L26	1	SNA
1	M0002	BN90-00823S	ASSY COVER REAR;LS21DPWAB/XAA	1	SNA
..2	M0013	BN96-03390A	ASSY COVER P-REAR;LS21DP,HIPS HB BK24	1	SA
...3	M0006	BN63-02470A	COVER-REAR;LS215TW,HIPS,T2.3,HB,BK24	1	SNA
1	M0001	BN90-00849P	ASSY COVER FRONT;LS21DPWAB/XAA	1	SNA
..2	T0003	BN96-03194A	ASSY COVER P-FRONT;LS21DP,ABS HB BK24	1	SA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3		BN61-02120A	BRACKET-SPEAKER;LS07BTT,SECC,T2.0,W70,W2	2	SNA
...3	M0112	BN63-02471A	COVER-FRONT;LS215TW,ABS,T2.0,HB,BK24	1	SNA
...3	T0022	BN64-00479A	KNOB CONTROL;LS215TW,ABS,T1.0,HB,CLEAR	1	SNA
...3	M0145	BN96-03270A	ASSY BOARD P-FUNCTION;LS21DPWAB,SJ06-01-	1	SA
...3	C/F	BN96-03296A	ASSY BOARD P-AUDIO;LS21DPWAB,SJ05-01-006	1	SNA
...3	T0175	BN96-01660B	ASSY SPEAKER P;8ohm,Doppler,1 W,30mm	1	SA
...3	T0175	BN96-01660C	ASSY SPEAKER P;8ohm,Doppler,1 W,350mm	1	SA
1	T0852	BN91-00939U	ASSY LCD-SPZ;LS21DPW*	1	SNA
..2	M0215	BN07-00230A	LCD-PANEL;LTM210M2-L02,Dvorak,8BIT,477.6	1	SA
1	M0112	BN91-01001W	ASSY SHIELD;DP21WS	1	SNA
..2	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	3	SNA
..2		BN63-02474A	SHIELD-LAMP;LS215TW,SPTE,T0.3	1	SNA
..2	T0279	BN63-02475B	COVER-JACK;LS215TW,HIPS,T2.0,V0,BK24	1	SNA
1	M0017	BN91-01021F	ASSY CHASSIS-SPZ,W/W;LS21DPW*,W/W	1	SA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	SNA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	T0376	BN63-02473A	SHIELD-VIDEO;LS215TW,SPTE,T0.3	1	SNA
..2	M0146	BN63-02505A	SHIELD-PCB SMPS;LS215TW,SPTE,T0.3	1	SNA
..2	M0014	BN94-00846P	ASSY PCB MAIN-SPZ,W/W;LS21DPW*	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.025	SNA
...3	CN102	3701-001173	CONNECTOR-DVI;24P,3R,FEMALE,ANGLE,AUF	1	SA
...3	CN101	3701-001219	CONNECTOR-DSUB;15P,3R,FEMALE,ANGLE,AUF	1	SA
...3	CN604	3722-001782	JACK-PIN;1P,SN,WHT,ANGLE	1	SA
...3	CN605	3722-001784	JACK-PIN;1P,SN,RED,ANGLE	1	SA
...3	CN603	3722-002081	JACK-EAR PHONE;5P/2C,-,SnPb,L-BLU,-	1	SA
...3	CN103	3722-002267	JACK-PIN;3P,AU,RED/WHT/YEL,ANGLE	1	SA
...3	CN104	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	SA
...3	CN705	3722-002389	JACK-PIN;3P,AU,RED/BLU/GRN,ANGLE	1	SA
...3	HDCP KEY	BN97-00707A	ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR	1	SNA
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	SNA
...3	T0174	BN97-00832A	ASSY SMD;LS21DPWAB/XAA	1	SNA
....4	CIS5	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45§-,96.5Sn/	2.572	SNA
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D103	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D104	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D106	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D107	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D108	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D109	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D110	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D111	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D113	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D114	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D117	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D118	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D119	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D712	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D713	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
....4	D501	0402-000553	DIODE-RECTIFIER;SS24,40V,2A,DO-214AA,TP	1	SA
....4	D502	0402-000553	DIODE-RECTIFIER;SS24,40V,2A,DO-214AA,TP	1	SA
....4	D503	0402-000553	DIODE-RECTIFIER;SS24,40V,2A,DO-214AA,TP	1	SA
....4	ZD106	0402-000553	DIODE-RECTIFIER;SS24,40V,2A,DO-214AA,TP	1	SA
....4	D115	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	ZD102	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	ZD103	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	ZD104	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	ZD105	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
....4	D606	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	ZD401	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	SA
....4	ZD731	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	SA
....4	ZD732	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	SA
....4	ZD502	0403-001411	DIODE-ZENER;-,5.49-5.73V,200MW,SOD-323,T	1	SA
....4	ZD101	0403-001435	DIODE-ZENER;QZX363C5V6,5.32-5.88V,200MW,	1	SA
....4	ZD107	0403-001435	DIODE-ZENER;QZX363C5V6,5.32-5.88V,200MW,	1	SA
....4	ZD501	0406-001061	DIODE-TVS;MMQA5V6T3,5.32/5.6/5.88V,24W,S	1	SA
....4	D120	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D121	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D122	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D123	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D602	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D603	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D604	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	D605	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	ZD109	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	ZD733	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	SA
....4	Q506	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q101	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q102	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q501	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q502	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q503	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q504	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q602	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q603	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q604	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q605	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q607	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q608	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q609	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002267	IC-CMOS LOGIC;74LCX14,-,SOIC,14P,150MIL,	1	SA
....4	IC104	0801-002404	IC-CMOS LOGIC;74VHC4066,ANALOG SWITCH,SO	1	SA
....4	IC104	0801-002404	IC-CMOS LOGIC;74VHC4066,ANALOG SWITCH,SO	1	SA
....4	IC104	0801-002404	IC-CMOS LOGIC;74VHC4066,ANALOG SWITCH,SO	1	SA
....4	IC104	0801-002478	IC-CMOS LOGIC;7SZ14,SCHMITT TRIGGER,SOT2	1	SA
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	SA
....4	IC520	0903-001423	IC-MICROCONTROLLER;WT6600F,-,QFP,128P,20	1	SA
....4	IC108	1002-001398	IC-A/D CONVERTER;MST9883CR-110,24Bit(8x3	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001314	IC-EEPROM;24C16,2Kx8,SOP,8P,5x4mm,2.7/5.	1	SA
....4	IC202	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SNA
....4	T0085	1201-002271	IC-AUDIO AMP;APA2068,SOP,16P,150MIL,DUAL	1	SA
....4	IC508	1202-000164	IC-VOLTAGE COMP.;393,SOP,8P,150MIL,DUAL,	1	SA
....4	IC304	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	SA
....4	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	SA
....4	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	SA
....4	IC502	1203-002796	IC-DC/DC CONVERTER;AP1501-33K5A,TO-263-5	1	SA
....4	IC501	1203-002843	IC-DC/DC CONVERTER;AP1501-50K5A,TO-263-5	1	SA
....4	IC504	1203-002889	IC-DC/DC CONVERTER;AP1501-K5A,TO263-5L,5	1	SA
....4	T0087	1203-003704	IC-POSI.FIXED REG.;G953-18T6U,SOT-223,3P	1	SA
....4	IC402	1204-002419	IC-VIDEO DECODER;TW9906,TQFP,80P,12x12mm	1	SA
....4	IC109	1205-002823	IC-LCD CONTROLLER;MST6281LA-LF-165-1,LQF	1	SA
....4	R237	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R307	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R536	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R537	2007-000052	R-CHIP;10Kohm.1%.1/10W.TP.1608	1	SA
....4	JP601	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R108	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R109	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R114	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R202	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R230	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R231	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R232	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R233	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R234	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R235	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R248	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R271	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R272	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R274	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R275	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R301	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R302	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R303	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R304	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R317	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R318	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R319	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R321	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R323	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R324	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R325	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R354	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R355	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R362	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R363	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R364	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R365	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R376	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R377	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R378	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R379	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R380	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R381	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R382	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R384	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R396	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R397	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4007	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4015	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R410	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R411	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R412	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R413	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R414	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R415	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R417	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R470	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R471	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R472	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R525	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R530	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R531	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R133	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R134	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R135	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R136	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R137	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R138	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R139	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R140	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R141	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R142	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R204	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R205	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R217	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R236	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R406	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R481	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R482	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R483	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R484	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R112	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R118	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R122	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R123	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R127	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R128	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R143	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R152	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R154	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R158	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R161	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R208	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R312	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R314	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R315	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R326	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R327	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R328	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R329	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R330	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R331	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R332	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R333	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R334	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R335	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R351	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R352	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R353	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R356	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R357	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R358	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R359	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R360	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R361	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R372	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R373	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R374	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R375	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R383	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R385	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R386	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R3998	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R4004	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R476	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R478	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R479	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R527	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R528	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R529	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R606	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R619	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R620	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R621	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R625	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R634	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R637	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R645	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R765	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R129	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R130	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R215	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R238	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R239	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R249	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R250	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R251	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R513	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R515	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R624	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R635	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R636	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R647	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R648	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R117	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R149	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R156	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R281	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R305	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R308	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R309	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R310	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R311	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R336	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R337	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R338	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R339	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R340	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R341	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R342	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R343	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R344	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R345	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R346	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R347	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R348	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R349	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R350	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R371	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R387	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R388	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R389	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R390	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R391	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R392	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R393	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R394	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R395	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3997	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4005	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4008	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4016	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R501	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R514	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R526	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R608	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R611	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R615	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R638	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R639	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R641	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R642	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R764	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R116	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R121	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R126	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R157	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R206	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3993	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3994	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R3996	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R473	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R480	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R502	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R516	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R517	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R533	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R534	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R607	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R644	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R649	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R650	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R640	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R512	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R367	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SA
....4	R402	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SA
....4	R218	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R220	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R222	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R223	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R224	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R225	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R226	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R227	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R228	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R229	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R366	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R212	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R115	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R119	2007-000126	R-CHIP;4.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R120	2007-000126	R-CHIP;4.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R124	2007-000126	R-CHIP;4.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R125	2007-000126	R-CHIP;4.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R511	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R474	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	SA
....4	R475	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	SA
....4	R477	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	SA
....4	R3991	2007-000570	R-CHIP;220OHM,1%,1/10W,TP,1608	1	SA
....4	R3992	2007-000570	R-CHIP;220OHM,1%,1/10W,TP,1608	1	SA
....4	R535	2007-000616	R-CHIP;24Kohm,5%,1/10W,TP,1608	1	SA
....4	R203	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	SA
....4	R144	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R219	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R221	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R101	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R102	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R103	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R401	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R150	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R159	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R160	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R7278	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R7279	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R7280	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	RA301	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA309	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA311	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA313	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA315	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA316	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA318	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA401	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA402	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA207	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA208	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA209	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA210	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA211	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA212	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA213	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA214	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA215	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA216	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	RA217	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	SA
....4	C357	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,C0G,1608	1	SA
....4	C358	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,C0G,1608	1	SA
....4	C494	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,C0G,1608	1	SA
....4	C495	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,C0G,1608	1	SA
....4	C607	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C608	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C609	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C610	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C622	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C623	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C624	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C625	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C633	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C634	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C635	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C636	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C118	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C119	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C121	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C122	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C123	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C126	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C203	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C204	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C205	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C206	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C207	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C208	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C210	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C211	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C212	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C213	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C214	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C215	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C216	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C225	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C226	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C227	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C233	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C234	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C235	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C306	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C318	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C320	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C322	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C323	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C325	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C326	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C327	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C329	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C330	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C331	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C333	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C334	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C336	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C337	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C338	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C339	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C340	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C341	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C342	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C343	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C345	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C348	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C349	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C350	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C351	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C352	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C353	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C359	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C402	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C404	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C405	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C406	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C408	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C409	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C410	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C412	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C413	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C414	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C416	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C419	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C420	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C421	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C422	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C423	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C465	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C467	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C470	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C472	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C502	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C503	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C510	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C516	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C517	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C529	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C530	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C603	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C618	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C110	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C111	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C539	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C760	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C217	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C218	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C219	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C221	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C222	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C223	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C229	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C230	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C302	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C304	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C314	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C315	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C316	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C354	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C355	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C356	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C360	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C361	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C531	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C532	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C107	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C308	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C439	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C476	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C478	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C480	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C482	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C484	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C486	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C201	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C202	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C417	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C418	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C115	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C116	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C129	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C487	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C488	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C489	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C490	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C491	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C492	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C101	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C102	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C103	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C104	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C105	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C106	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C602	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C617	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	SA
....4	C151	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C461	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C462	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C463	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C464	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C473	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C475	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C477	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

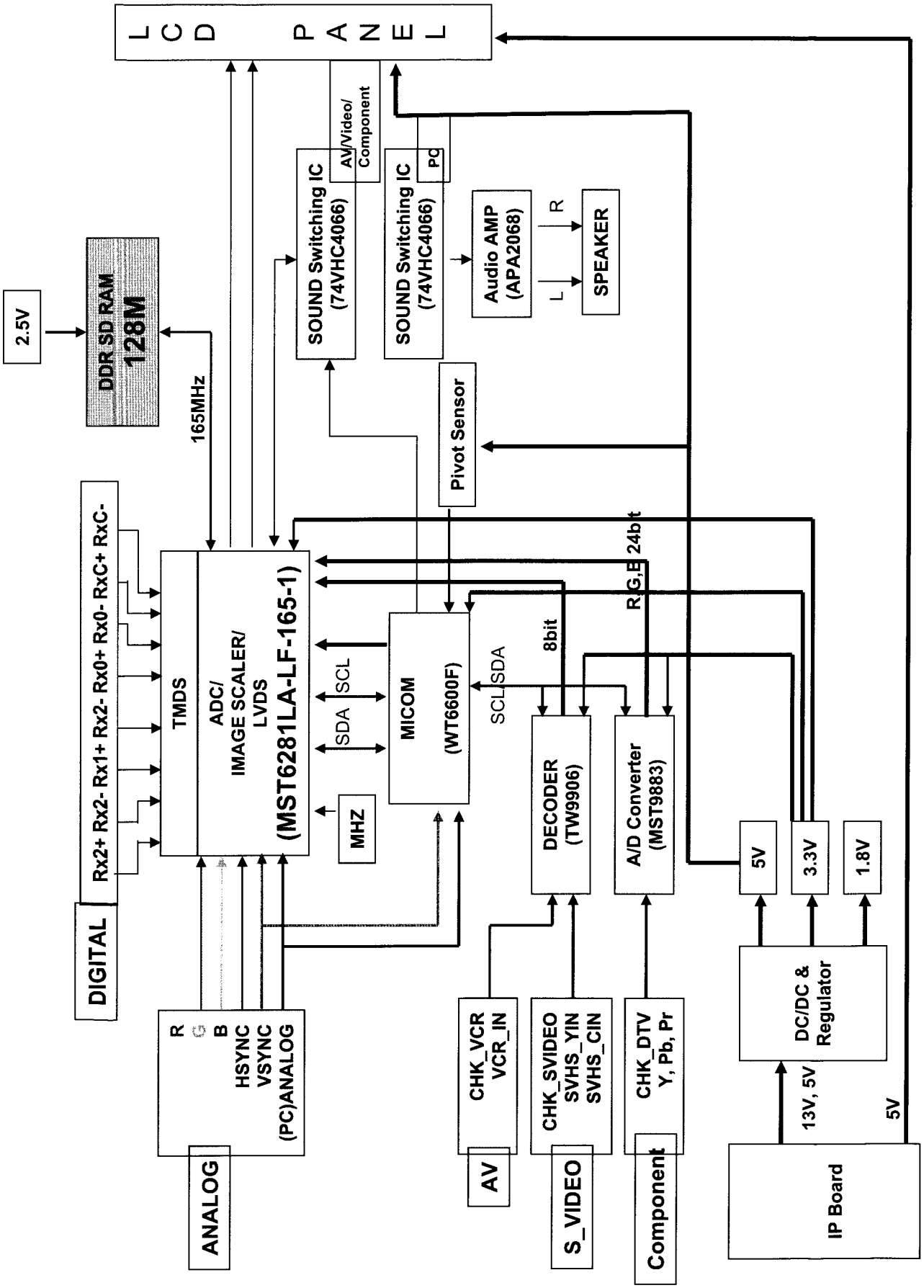
Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C479	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C481	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C483	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C485	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C493	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C496	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C497	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C498	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C499	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C505	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C507	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C522	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C533	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C534	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C536	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C236	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C240	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C508	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C514	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C515	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C520	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C639	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C642	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	U2180	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C109	2203-005194	C-CER,CHIP;0.22nF,10%,50V,X7R,1608	1	SA
....4	C237	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C301	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C303	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C310	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C311	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C312	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C313	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C317	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C319	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C321	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C324	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C328	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C332	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C335	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C347	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C403	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C407	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C411	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C415	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C538	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C450	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	1	SA
....4	C474	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	1	SA
....4	C611	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	1	SA
....4	C612	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	1	SA
....4	C615	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	1	SA
....4	C501	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C509	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C518	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C125	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C627	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C628	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C629	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C630	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C631	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C632	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	SA
....4	C305	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C344	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C346	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C401	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C504	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C506	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C519	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C521	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C523	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C471	2402-001153	C-AL,SMD;100UF,20%,6.3V,WI,TP,6.3X5.8MM	1	SA
....4	C637	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	C638	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	SA
....4	C537	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C640	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C641	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C601	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C604	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C605	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C606	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C616	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C619	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C620	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C621	2402-001165	C-AL,SMD;4.7UF,20%,35V,WT,TP,4X5.8MM	1	SA
....4	C209	2409-001049	C-ORGANIC;47UF,20%,6.3V,FX,TP,5X5.9MM,-	1	SA
....4	C224	2409-001049	C-ORGANIC;47UF,20%,6.3V,FX,TP,5X5.9MM,-	1	SA
....4	C440	2409-001049	C-ORGANIC;47UF,20%,6.3V,FX,TP,5X5.9MM,-	1	SA
....4	C512	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	SA
....4	X301	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	SA
....4	X201	2801-003667	CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16,	1	SA
....4	X401	2801-004222	CRYSTAL-SMD;27MHz,30ppm,28-AAN,14pF,50oh	1	SA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001176	BEAD-SMD;80ohm,2012,TP,-,-	1	SNA
....4	T0568	3301-001176	BEAD-SMD;80ohm,2012,TP,-,-	1	SNA
....4	T0568	3301-001176	BEAD-SMD;80ohm,2012,TP,-,-	1	SNA
....4	T0568	3301-001176	BEAD-SMD;80ohm,2012,TP,-,-	1	SNA
....4	T0568	3301-001793	BEAD-SMD;18ohm,1608,-,TP,11.8ohm/37.6MHz	1	SA
....4	T0568	3301-001793	BEAD-SMD;18ohm,1608,-,TP,11.8ohm/37.6MHz	1	SA
....4	T0568	3301-001793	BEAD-SMD;18ohm,1608,-,TP,11.8ohm/37.6MHz	1	SA
....4	CN301	3711-002049	HEADER-BOARD TO CABLE;BOX,6P,1R,1.25mm,S	1	SA
....4	CN601	3711-005470	HEADER-BOARD TO CABLE;BOX,30P,1R,1.25mm,	1	SA
....4	CN302	3711-005477	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,SMD-	1	SA
....4	CN606	3711-005499	HEADER-BOARD TO CABLE;BOX,8P,1R,1.25mm,S	1	SA
....4	CN502	3711-005543	HEADER-BOARD TO CABLE;BOX,6P,1R,1.25mm,S	1	SA
....4	L503	BN27-00002A	COIL-CHOKE(SMD);47uH,47uH,20%,12*12*8mm,	1	SA
....4	L501	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	SA
....4	T0010	BN27-00009A	COIL CHOKE;SMD 12X12X6,EOS,33UH,15%,-,0.	1	SA
....4	S301	BN32-00005A	SENSOR SW-TILT;SPSF100100,DC5V,1mA,-10 ~	1	SA
....4	T0077	BN41-00696A	PCB MAIN;215TW,FR-4,4L,MP1.0,1.6T,190*11	1	SNA
....4	MICOM	BN97-00813E	ASSY MICOM-SPZ,W/W;LS21DPWAB/XAA,W/W	1	SA
.....5	IC115	1107-001530	IC-FLASH MEMORY;39VF080,1Mx8Bit,TSOP,40P	1	SA
....4	Q601	0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150MW,SOT-23,	1	SA
....4	R216	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	SA
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	CN501	3711-005503	HEADER-BOARD TO CABLE;BOX,9P,1R,2mm,SMD-	1	SA
....4	R651	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R652	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R653	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R654	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R655	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R656	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R657	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R658	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R659	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R660	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R661	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R662	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R663	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R664	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R665	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R666	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R667	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R668	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	SNA
...3	T0099	BN62-00003A	HEAT SINK-IC;NK,SUN,A6063S,T2.5,W28,L28,	1	SNA
..2	M0006	BN96-03195A	ASSY SHIELD P-COVER;LS21DPW,SECC,T0.8	1	SNA
...3		BN63-01774A	SHIELD-INSULATOR;BI17/19BS,PET,T0.35	1	SNA
...3	M0107	BN63-02472A	SHIELD-COVER;LS215TW,SECC,T0.8	1	SNA
..2	M2893	BN39-00666B	LEAD CONNECTOR;LS20BRBASZ,UL1571#30,30p,	1	SA
..2	M0174	BN44-00127B	IP BOARD;FSP060-1PI01,214T,2.0 ~3.0mA,7.	1	SA
..2	CCMM1	BN73-00091D	SILICON/RUBBER;LBR20BS/CS,SILICON+ALUMIN	1	SA
1	M0113	BN92-01619R	ASSY P/MATERIAL;LS21DPWAB/XAA	1	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.01	SNA
..2	T0524	6902-000358	BAG PE;HDPE/NITRON(DOUBLE),T0.02/T0.5,W9	1	SNA
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,--	0.003	SNA
..2	P/M	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	2.3	SNA
..2	M0081	6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,-,-	0.055	SNA
1	M0003	BN92-01670T	ASSY BOX;LS21DPWAB/XAA	1	SNA
..2	BOX	BN69-01333A	BOX-MONITOR;S/M215TW(LS21DPW),SY-05,YEL,	1.02	SNA
1	M0019	BN92-01681C	ASSY LABEL;LS21DPWAB/XAA	1	SNA
1	M0045	BN92-01686D	ASSY ACCESSORY;LS21DPWAB/XAA	1	SNA
..2	M0114	BN39-00244B	CBF SIGNAL;MO15PS,15P/15P,20276-N,1830mm	1	SA
..2	M0125	BN39-00246F	CBF SIGNAL-DVI(D);1703FP,24P/24P,20276-D	1	SA
..2	M0045	BN96-03010R	ASSY ACCESSORY;LS21DPWAB/XAA	1	SA
...3	T0268	3903-000085	CBF-POWER CORD;DT,US,BP3/YES,I(IEC C13/C	1	SA
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	SNA
...3	MP1.0	AA68-40065B	CARD-01,REGISTRATION:,SEA,A5,ENG,A/P220,	1	SNA
...3	ACCESSORY	BH68-00261F	CARD WARRANTY-04;SyncMaster14-1,ADC,MOJO	1	SNA
...3	ACCESSORY	BH68-00344C	CARD WARRANTY-02;SECA W'TY & CRM CARD,SE	1	SNA
...3	ACCESSORY	BN68-00832C	MANUAL FLYER-REGISTRATION CARD;SECA all,	1	SNA
...3	ACCESSORY	BN68-00832D	MANUAL FLYER-REGISTRATION CARD;SECA all,	1	SNA
...3	M0215	BN96-03197A	ASSY MANUAL P-IB+QSG;215TW,SyncMaster,W/	1	SNA
....4	QSG	BH68-00376L	MANUAL FLYER-04,QSG;LCDQUICK SETUP GUIDE	1	SNA
....4	IB	BN59-00520A	S/W DRIVER-00,IB;215TW,W/W,SyncMaster,Do	1	SNA

Memo

7 Block Diagram



8 Wiring Diagram

CN601(LVDS)																														
30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
VCC_PANEL	VCC_PANEL	VCC_PANEL	TXA0-	TXA0+	TXA1-	TXA1+	TXA2-	TXA2+	GND	TXAC-	TXAC+	TXA3-	TXA3+	TXB0-	TXB0+	GND	TXB1-	TXB1+	GND	TXB2-	TXB2+	GND	TXBC-	TXBC+	GND	TXB3-	TXB3+	GND	NC

CN501(IP Board)								
9	8	7	6	5	4	3	2	1
BL_EN	GND	+13V_IN	+13V_IN	+13V_IN	GND	GND	GND	BRT_CTL

CN302(HDCP)			
4	3	2	1
RESETN	HDCP_DATA	HDCP_CLK	GND

CN301(Serial jig)					
1	2	3	4	5	6
OPEN	RxD	TxD	NC	GND	GND

CN104 (S-Video)		
	1	GND
	2	GND
	3	GND
	4	SVHS_YIN
	5	SVHS_CIN
	6	CHK_SVIDEO
	7	CHK_SVIDEO(SWITCH)

CN103 (AV)		
	8	CHK_VCR
	9	CVCR_IN
	7	GND
	5	VCR_ARIN(Return)
	6	VCR_ALIN
	4	GND
	2	VCR_AIIN(Return)
	3	VCR_ARIN
	1	GND

CN502 (Function)		
	6	GND
	5	KEY1
	4	KEY2
	3	LED_BLUE
	2	POWER_KEY
	1	+3.3V_MICOM

CN606 (Speaker)		
	8	LOUT-
	7	LOUT+
	6	GND
	5	ROUT_PHONE
	4	LOUT-PHONE
	3	SE/BTL
	2	ROUT+
	1	ROUT-

CN102(DVI-D)																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
RX2-	RX2+	GND	NC	NC	SCL_DDC_D	SDA_DDC_D	NC	RX1-	RX1+	GND	NC	NC	+5V_DDC_D	CHK_DVI	HDPC_HOTPLUG	RX0-	RX0+	GND	NC	NC	GND	RX0C-	RX0C+

CN101(D-SUB)														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
R-IN_A	G-IN_A	B-IN_A	NC	GND	R-IN_A	G-IN_A	B-IN_A	+5V_DDC_A	CHK_DSUB	NC	SDA_DDC_A	HSYNC_IN_A	VSYNC_IN_A	SCL_DDC_A

CN603(Audio in)				
1	2	3	5	4
GND	PC_ARIN	GND	GND	PC_ALIN

CN605®		
1	2	3
GND	DTV_ARIN	DTV_ALIN(Return)

CN604(L)		
1	2	3
GND	DTV_AIIN	DTV_ARIN(Return)

CN705(Component)								
1	3	2	4	6	5	7	9	8
GND	COM1_PR	NC	GND	COM1_PB	NC	GND	COM1_Y	CHK_DTV

9 Schematic Diagrams

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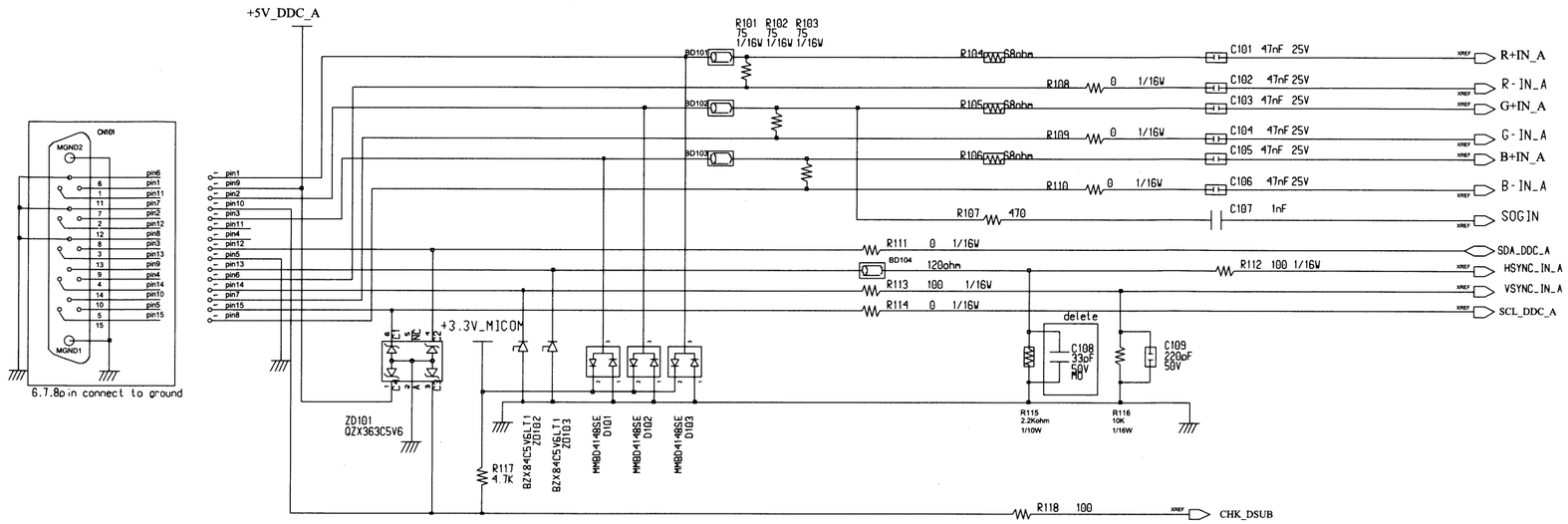

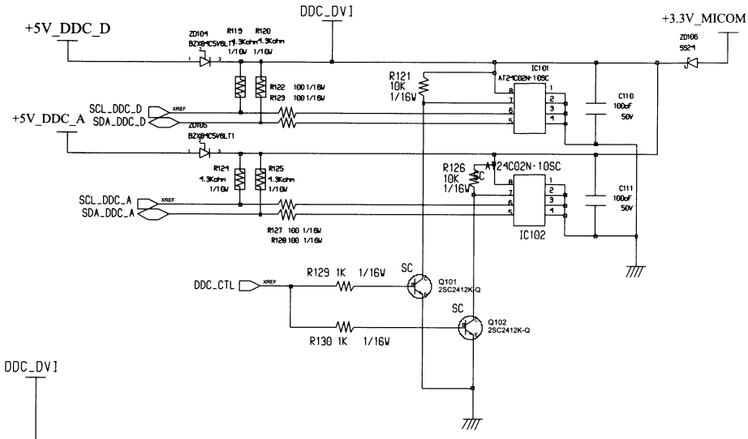

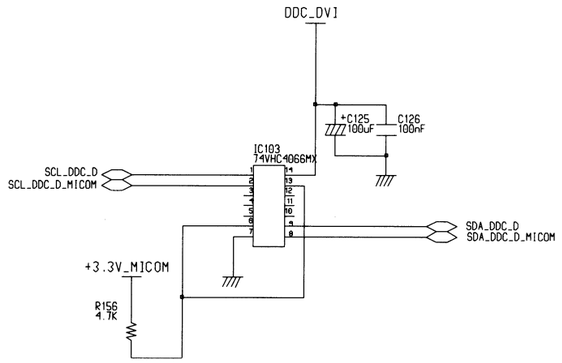

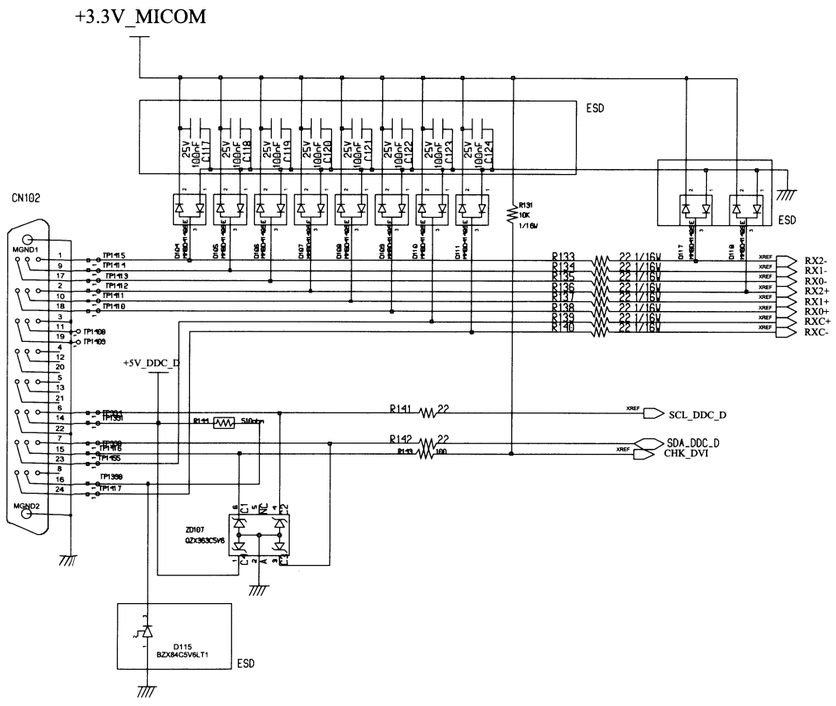

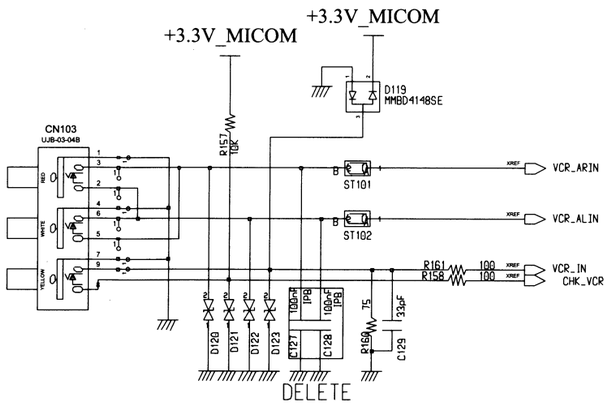

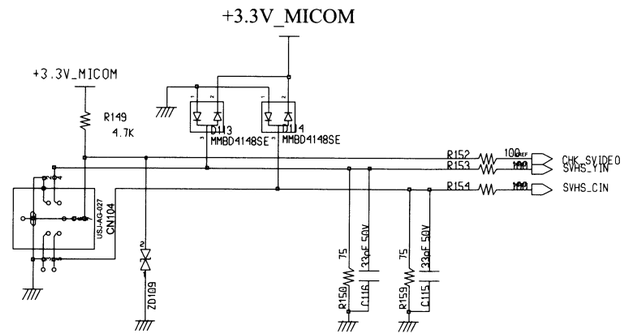

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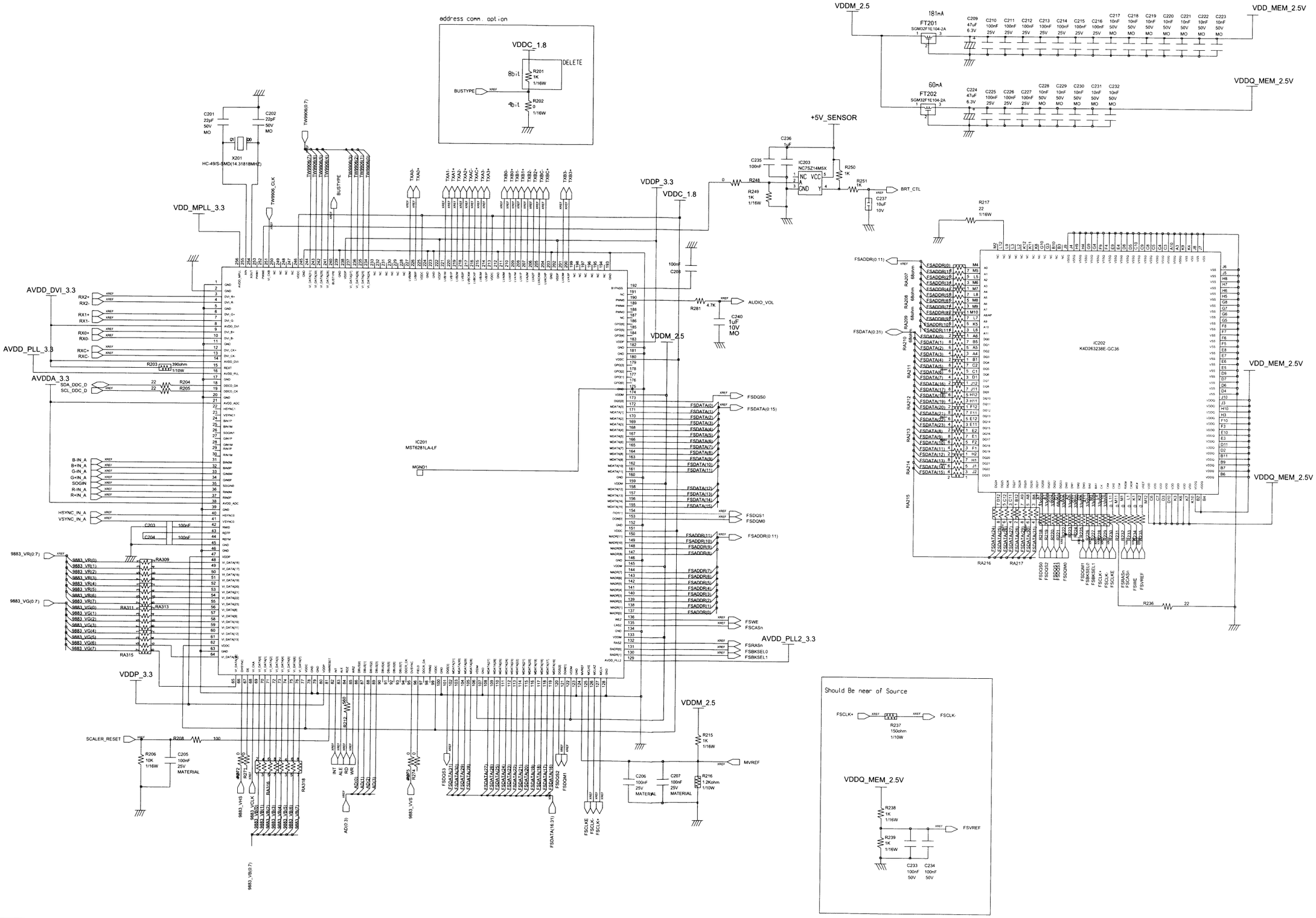

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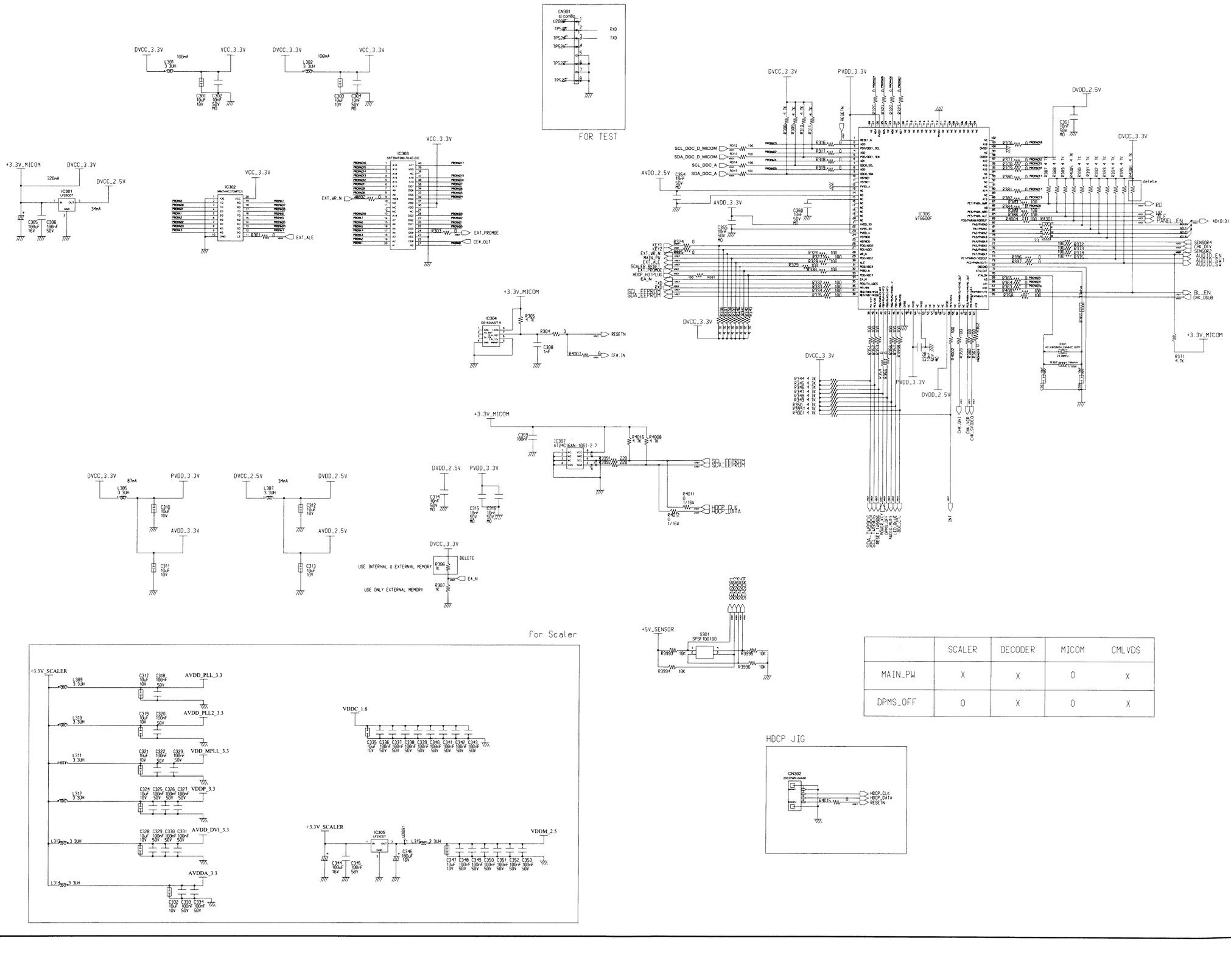

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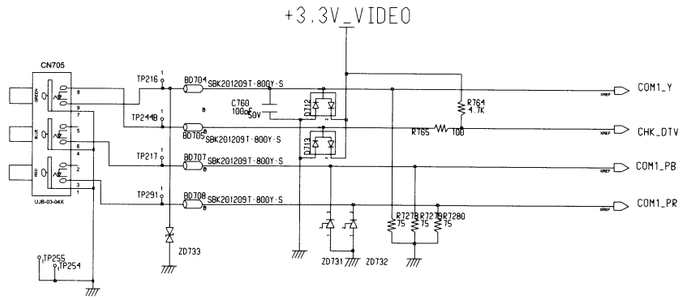

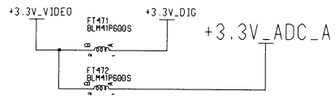

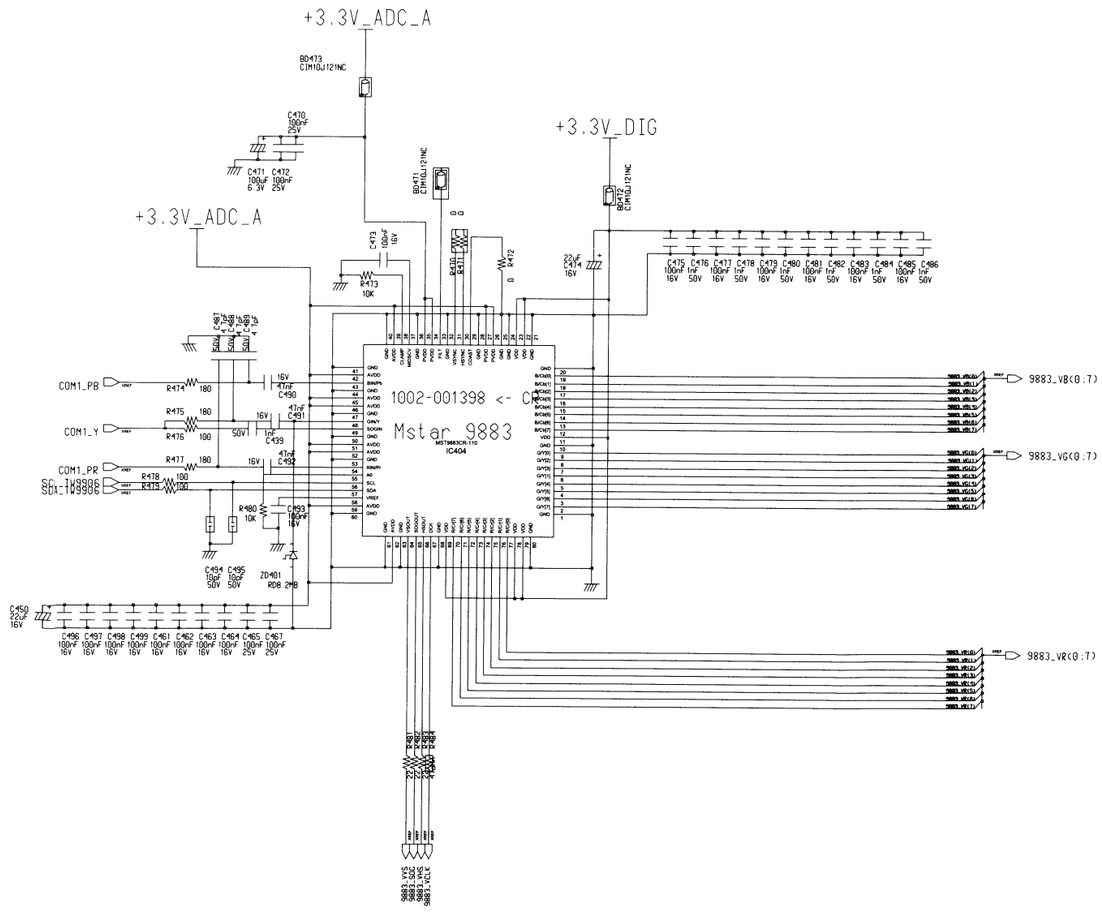

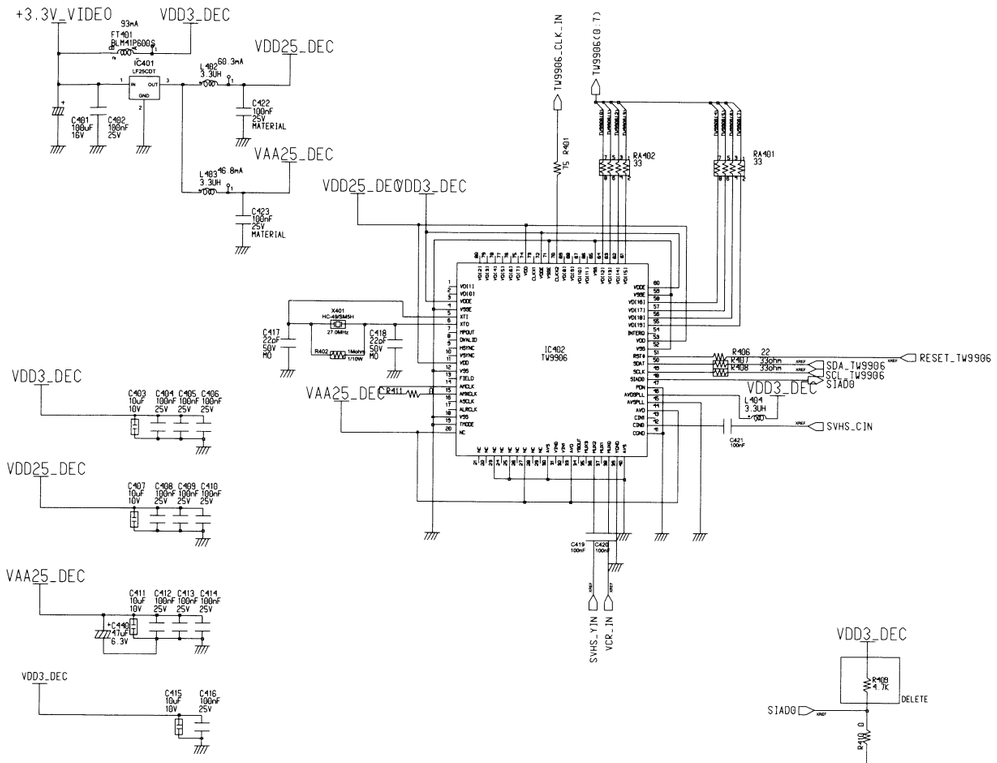

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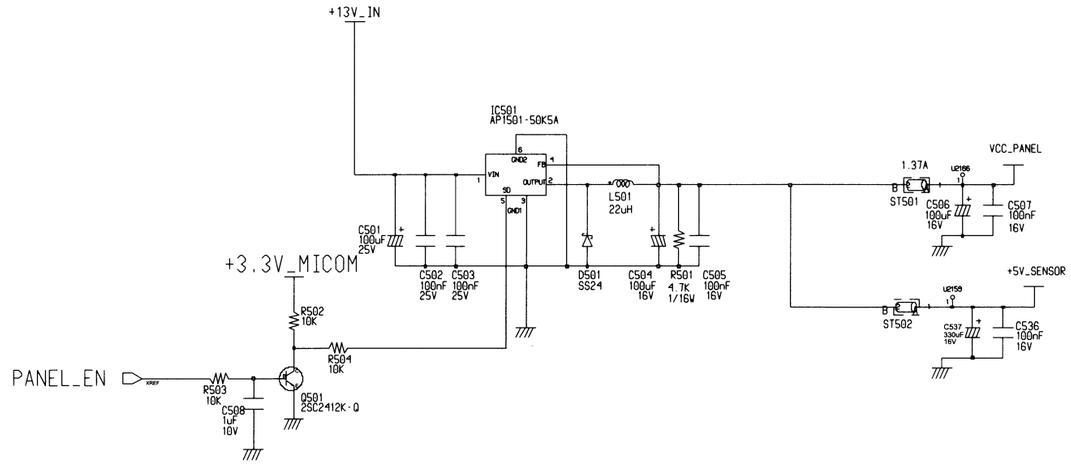

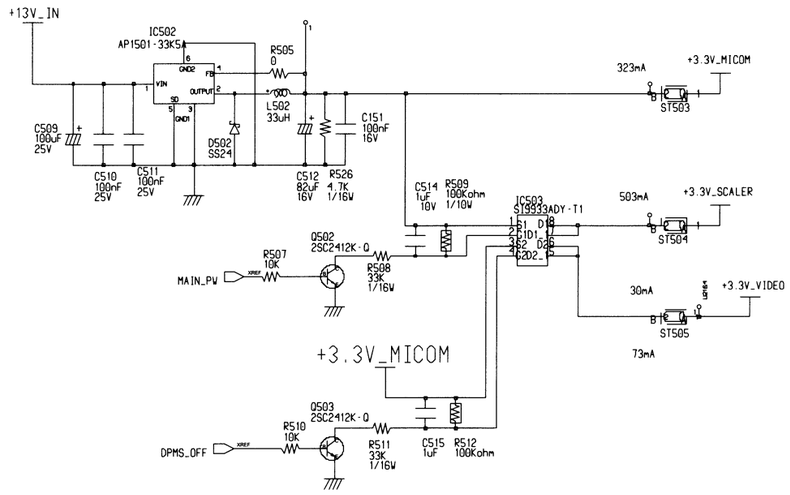

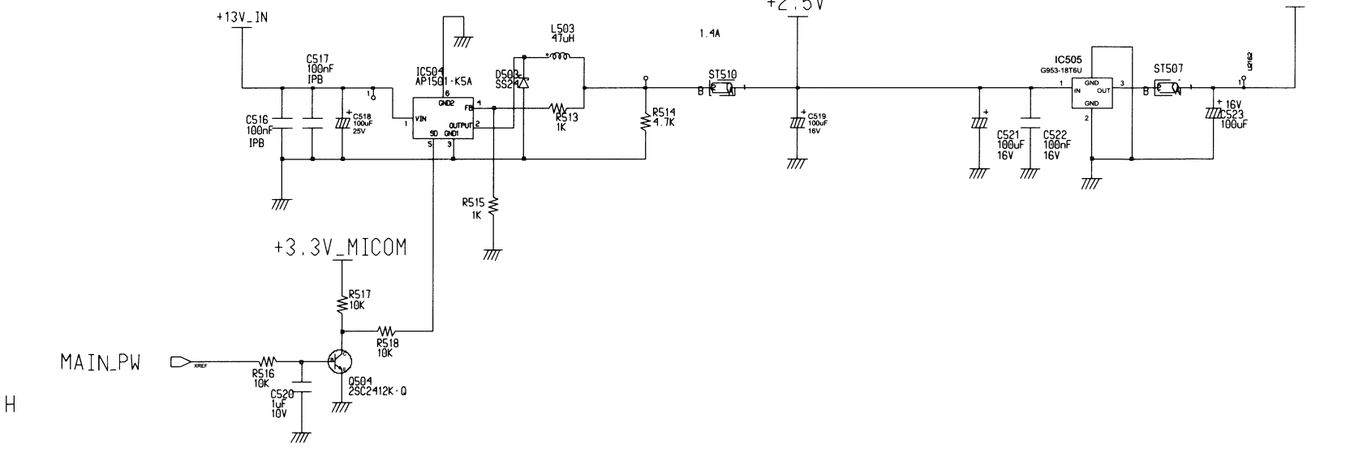

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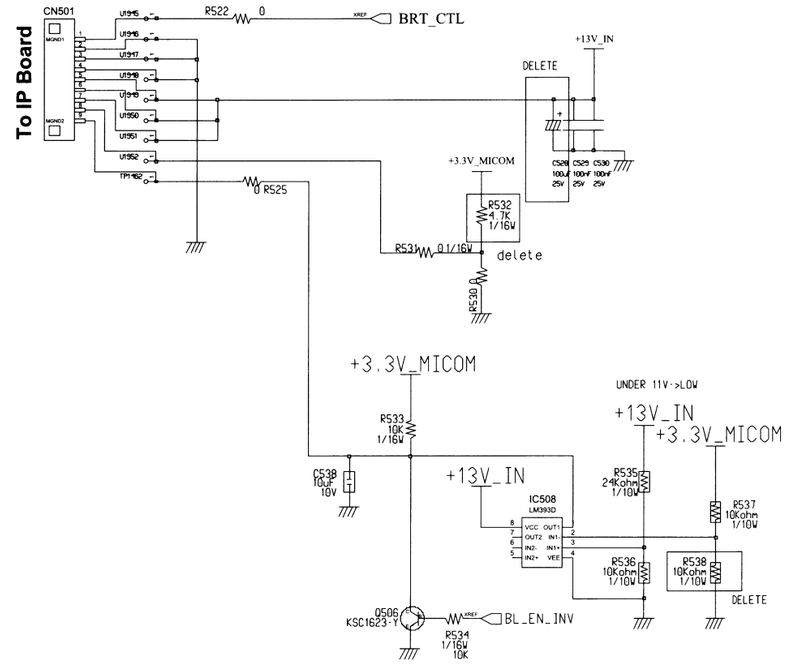

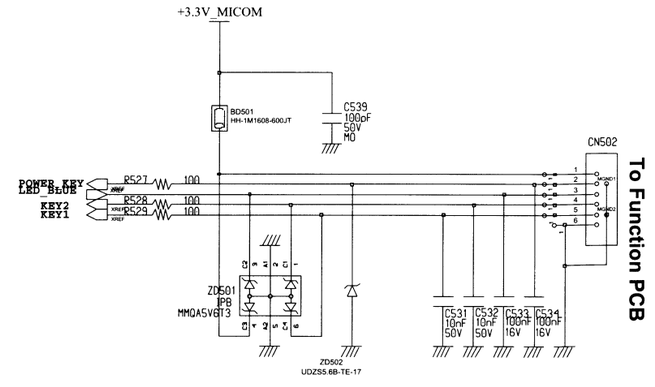

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